

Photo #: 5

Station: Site

Description: Decontamination pad installed on Lot 1102.



Excavation Date:	Source Location (station, offset, etc.) Cross-Ref w/ Map:	Excavation Volume	Soil Stockpile Designation	Reuse on/off-site or Off-site	Disposal Facility	Re-Use Date
8/20	STAKE 335-338 10X10X3 (CC) (2B)	4 TONS	LOT 2682			
8/20	STAKE 325-328 <u>COMPLETED</u> 18X20X3 (2B)	4 TONS	LOT 2682			
8/20	STAKE 340-343 10X15X3 (CC) (2B)	23.25 TON	LOT 2682			
8/20	STAKE 348-350-376 14X10X3 (CC) (2B)	9.2 TON	LOT 2682			
8/20	STAKE 482-485 <u>COMPLETE</u> 10X10X3 (2B)	13.45 TON	LOT 2682			
8/20	STAKE 350-376 (CC) 1.5' 20X60X3 (2B)	91.27 TON	LOT 2682			
8/20	STAKE 351-361 <u>COMPLETED</u> 20X20X2 (2B)	57.75	LOT 2682			

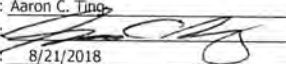
8/20 MOVED 87 TONS FROM STOCK PILE LOT 1102 TO LOT 2682

BASF
180 Mill Street, Lot 1102
Cranston, RI

Date	Name	Company Name	Time In	Time out
8/20	RYAN DOUGHERTY	SES	0630	1700
8/20	Don Pilkington	SES	0630	1600
8/20	JOHN CORN	SES	06:30	1350
8/20	Joseph Irehann	AEI	06:30	1530
8/20	Stephanie Hall	SES	0630	1600
8/20	Charles McCarthy	SES	0630	1600
8/20	Aaron Ting	AEI	0630	1630
8/20	Mitch Ayth	SES	07:15	1600

DAILY PROJECT REPORT

Project: BASF, Lot 1102
180 Mill Street
Cranston, RI

Submitted By: Aaron C. Ting
Signature: 
Date: 8/21/2018



Weather: Cloudy, turning to sunny in afternoon

Daily

Precipitation: 0"

Temp: 77-67

(Hi - low)

PERSONNEL/EQUIPMENT		Owner/Representative: N/A	
Contractor No.			
Superintendent			
1 Foremen	SES		
H&S/QA Officer			
4 Operators	SES	AEI Personnel: Aaron Ting 1	
2 Laborers	SES	Joe Drebaum 1	
Other Trades (Surveyor)		Robert Medaglio 1	
SubContractor No.	Company/Firm	Visitors On Site: N/A	
	N/A		
10 Total Personnel On Site			

MAJOR EQUIPMENT:	EQUIPMENT/MATERIALS RECEIVED:
2 support trucks, Bobcat 289D skid steer, CAT 321C/315C excavators	2-trash/recycling bins, 2-100 yd rail cars
CAT 996H Loader, 20-yard metal recycling container,	
United Rentals 5 cy dump truck, 20-cy dump trailer	

WORK COMPLETED:

SES loaded temporarily stockpiled soils, Type 2B, located on Lot 1102 and transported using 20-cy dump trailer to temporary stockpile area on Lot 2682.

SES continued excavations to remove soils designated as Type 2B. Soils removed, transported via 20cy dump trailer and temporarily stockpiled on Lot 2682. Excavation stake locations include:
- 370, 369, 365, 374 (7" depth).

Approximately, 152 cubic yards of Type 2B soils were excavated and transported from Lot 1102 to 2682 for temporary stockpiling and future rail transport.

AEI set up and calibrated perimeter dust monitors. One action level alert observed, but due to malfunction of monitor. Re-zeroed and no further issues. No other monitors observed action levels exceeded during today's work. SES used water to control fugitive dust emissions. SES covered stockpiles and surrounded by haybales at the end of the workday.

Identified water from leaking hose entered an excavation that AEI had not sampled. Water level (> 2") prevented AEI from sampling. Unless water recedes (had not by end of day) then SES may need to manage water as TSCA waste in order to allow AEI to proceed with post excavation sampling.

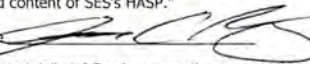
AEI conducted post excavation sampling using the Dexsil analyzer (Method 9078) and sent duplicate aliquots for lab analysis (8082A/3540C). Informed SES of lab data from 8/15/2018, which showed PCB results <50 ppm. Therefore, soils are designated as 2A (containing > 10 ppm <25 ppm PCBs).

SES informed AEI about hydraulic oil leaking from the Bobcat skid steer. AEI investigated and observed hydraulic oil had fallen onto road plate and 20-mil poly. No oil had made it to the ground surface. No release condition per RIDEM regulations.

AEI informed SES about safety measures to surround the 7-foot excavation advanced today. SES to get temporary fencing and use snow fencing as a visual barrier in the meantime.

HEALTH & SAFETY:

AEI has reviewed SES's Safe Work Form/Pre-Task Plan for today, and verifies, by signing below, that these documents comply with the procedures and content of SES's HASP."

AEI Signature: 

SES/AEI conducted daily H&S tailgate meeting to review work scope and safety precautions/JSA's associated with safe work practices. See SES SWP/PTP for topics discussed and issues raised.

ISSUES/CHANGES/RESOLUTIONS:

N/A

DISCUSSIONS/CLIENT DIRECTION:

N/A



DAILY WORKSHEET

Date: 8/21/18

Project Number: 18-0315

TUESDAY

CLIENT / SITE INFORMATION

Name: BASF

Address: 180 MILL ST.

CRANSTON, RI

Contact: AARON TING (AET)

PROJECTS NOTES

HELD HIS MEETING / REVIEWED SOW W/ AET / CONT. EXCAVATING 2B SOILS AND TRANSPORTING TO 2682 STOCKPILE. / CLEANED AND TOUCHED UP ^{CELLS} FROM PREVIOUS DAY FOR AET TO SAMPLE / (2) RAIL CARS WERE DELIVERED ON RAIL TO LOT 2682 / ENCOUNTERED TONS OF BUILDING DEBRIS (REBAR, ANGLE IRON, CONC, ETC) AT CELL 369, 370, 365, 374 - 20X40X7. NOTED MATERIAL ON ENV MS SHEET / COVERED STOCKPILES W/ FOLY SHEETING / LIVE LOADED TRUCKS W/ EXCAVATOR.

HILLVIEW - * 321C BLOWING HOT AIR. * BLOWN HYDRAULIC LINE IN S/S.

LABOR

Name	Position	Travel	On-site	Off-Site	Travel
R. DOUGHERTY	SUP		0630	1700	
C. MCCARTHY	FT			1530	
S. HALL	FT			1530	
D. PILKINGTON	OP			1600	
J. SZTILA	OP			1530	
K. SWEENEY	OP/DR			1600	
C. GEORGE	DR.			1430	
				15	

MATERIALS / EQUIPMENT / TOOLS

Quantity	Item / Description
	PPE Level: A B C <u>D</u> MOD.
2	SERVICE VEH.
1	SITE TRAILER / RESTROOM / SINK
1	GENERATOR
2	EXCAVATORS (321C / 315C)
1	SKID STEER (289D)
1	LOADER (966H)
1	ROLL OFF TRUCK (GRAFF)
2	ROLL OFF CANS (401NER / 380637R4R)
1	DUMP TRUCK (DR 10558256)
1	CONEX BOX
	CHK BOOTS
2	RAIL CARS (PWR)
500	FIRE HOSE 1.5" X 50' W/ NOZZLE (WATER MASTER)
1	HIDRATON
2	2YD TRASH CONTAINERS.

WEATHER OBSERVATIONS

CLOUDY OVERCAST 74°

Project Manager's Signature: _____

Client's Signature: _____

Project: BASF Facility Cranston, RI Date (8/21)	DAILY SAFE WORK FORM	SES (Page 2 of 6)
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Type of Equipment/Vehicles/Motorized Equipment			
<input checked="" type="checkbox"/>	Field Service Trailer	<input checked="" type="checkbox"/>	Roll-off Tractor Truck
<input checked="" type="checkbox"/>	Excavators	<input checked="" type="checkbox"/>	Roll-off containers
<input checked="" type="checkbox"/>	Loader	<input checked="" type="checkbox"/>	Dump Truck/Triaxle
<input type="checkbox"/>	Track Dozer	<input type="checkbox"/>	Dump Trailers
<input checked="" type="checkbox"/>	Skid Steer Loader	<input checked="" type="checkbox"/>	Pickup Utility Trucks
<input type="checkbox"/>	Frac Tank	<input type="checkbox"/>	Sump Pump
<input checked="" type="checkbox"/>	Generator	<input type="checkbox"/>	Trench Box
<input type="checkbox"/>	Water Buffalo	<input type="checkbox"/>	NaOH Storage Tank
<input type="checkbox"/>	Sawzail	<input type="checkbox"/>	Other (list)

This work also requires the use of the permits or documents checked below	
<input checked="" type="checkbox"/>	PROJECT-SPECIFIC HASP
<input type="checkbox"/>	LOCK-OUT, TAG-OUT PERMIT
<input checked="" type="checkbox"/>	PRE-TASK PLANNING FORM
<input type="checkbox"/>	CONFINED SPACE ENTRY PERMIT
<input type="checkbox"/>	OTHERS (LIST)

Anticipated Project Risks and Hazards Identification Identify the source/s used and include necessary specific information (See Daily Pre-Task Plan for day-specific information)			
Used	N/A	Source	Specific Risk or Hazard that needs to be addressed
X		Pre-work Inspection of the work site	See SES HASP
X		MSDS review / includes any 'new' chemicals	MSDS Sheets Provided in HASP
	X	Crane Operations	
	X	Elevated Work	
X		Environmental Conditions	See SES HASP
X		Heavy Powered Mobile Equipment Use	Excavators to load soil into trucks, truck traffic
	X	Language / Communication Difficulties	
X		Materials to be used	See Pre-Task Plan
	X	Overhead Work / Rigging	
	X	Special Equipment to be used	
X		Trenching / Excavation	See SES HASP
	X	Utilities System tie-in / restrictions	
X		Other Risks or Hazards	PCB/VOC-contaminated soils; Sodium Persulfate

Anticipated Project Required Precautions & Protective Measures Be sure that each identified Risk or Hazard is addressed (See Daily Pre-Task Plan for day-specific information)			
Need	N/A	Area	Specific measures that are required
X		Access & Egress Plans (People & Equipment)	To be developed on site with SES work crew
	X	Barricades needed	
	X	BASF equipment / materials to be used	
	X	Electrical safety equipment required	
	X	Elevator use	
X		Emergency Equipment	See SES HASP
X		Emergency Plans / Emergency Responder	See SES HASP
	X	Fall protection	
X		First Aid / Medical Treatment provisions	See SES HASP
	X	HOT WORK Procedure requirements	
	X	HVAC System requirements	
	X	LINE-BREAKING procedure requirements	
	X	Scaffolds / decking	
X		Temporary electrical power	See SES HASP
	X	Temporary Utilities services	
X		Trench / Excavation Boxes	See SES HASP

Project: BASF Facility Cranston, RI Date (8/21)	<h2 style="margin: 0;">DAILY SAFE WORK FORM</h2>	SES (Page <u>3</u> of <u>6</u>)
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	Other Requirements
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Required Personal Protective Equipment (PPE) Identify the source/s used and check the appropriate boxes											
		<input type="checkbox"/> PPE GRID		<input checked="" type="checkbox"/> MSDS		<input type="checkbox"/> BASF Knowledge		<input type="checkbox"/> Work Provider Knowledge		<input type="checkbox"/> Prior SWP	
YES	NO	ITEM	YES	NO	Item						
X		Hardhat (either) <input type="checkbox"/> Fiberglass <input checked="" type="checkbox"/> Plastic		X	Rain Suit <input type="checkbox"/> Jacket <input type="checkbox"/> Pants						
X		Safety Glasses, ANZI-rated, side shields		X	Chemical Suit <input type="checkbox"/> Jacket <input type="checkbox"/> Pants						
	X	Goggles <input type="checkbox"/> Chemical <input type="checkbox"/> Dust		X	Personal Fall Protection Equipment						
	X	Faceshield	X		Gloves <input checked="" type="checkbox"/> Chemical <input type="checkbox"/> Work						
X		Hearing Protection <input checked="" type="checkbox"/> Plugs <input type="checkbox"/> Muffs	X		Long sleeve shirt and steel toed boots with steel shank						
	X	Respirator <input type="checkbox"/> Half-mask <input type="checkbox"/> Full-face	X		Boots <input type="checkbox"/> Rubber <input checked="" type="checkbox"/> Other						
	X	Dust Mask		X	Welding Protection						
	X	Fire Retardant Electrical Clothing		X	Retrieval System for Confined Spaces						
X		Eyewash Station	X		Mobile phone or radios						
X		Tyvek Suits	X		Insect repellent, sunscreen						
		Other PPE (list)	X		High-visibility, reflective vest						

Training Requirements		
Need	N/A	Area
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	BASF Safety Orientation (if required)
X		MSDS Reviews
X		Review of precautions listed above per SES HASP
X		Review of required PPE
		Other training (specify) –

Project: BASF Facility Cranston, RI Date (8/21)	DAILY SAFE WORK FORM	SES (Page 4 of 6)
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STRATEGIC ENVIRONMENTAL SERVICES PRE-TASK PLAN (PTP)	PROJECT / JOB / TASK (Description): BASF Cranston/CMI Implementation SES SUPERVISOR: RYAN DOUGHERTY	LOCATION: 180 Mill Street, Cranston, RI	DATE 8/21/18
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Note: SES Daily Report Forms are completed daily (see attached), documenting work progress, equipment, personnel, weather, issues encountered and resolution, health and safety actions/issues, changes in work conditions, client interface.

Task List (Check off AND Circle today's activities)	
<input type="checkbox"/>	Task 1 - Permitting
<input type="checkbox"/>	Task 2 - Mobilization/Site Prep/Road & Decontamination Road Installation/Erosion Controls
<input checked="" type="checkbox"/>	Task 3 - Excavation/Decontamination/Soil Stock Piling/Loading/ISCO/Dewatering/Liquid Management
<input checked="" type="checkbox"/>	Task 4 - Transportation and Disposal of Contaminated Material
<input type="checkbox"/>	Task 5 - Backfilling and Grading/Geotextile and Vegetation Placement
<input type="checkbox"/>	Task 6 - Demobilization

Tasks, Potential Hazards, and Recommended Actions or Procedures				
Today's Activities (Check Each)	Task Number(s)	Hazards	Relative Hazard /Risk Rating*	Hazard Controls Mechanism and/or JSA (See HASP)
<input checked="" type="checkbox"/>	3	Chemical Hazards	NA <input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High <input type="checkbox"/>	B1 Chemical: JSA 10
<input checked="" type="checkbox"/>	3,4,5	Dust/Fumes/Particulates	NA <input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High <input type="checkbox"/>	B2 Dust: JSAs 1,2,4,5,6
<input checked="" type="checkbox"/>	3,4,5,6	Job Zone Control	NA <input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High <input type="checkbox"/>	B3 Job Zone Control; All JSAs
<input checked="" type="checkbox"/>	3,4,5,6	Heat	NA <input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input checked="" type="checkbox"/> High <input type="checkbox"/>	B4 Heat: All JSAs
<input type="checkbox"/>	3,4,5,6	Cold	NA <input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High <input type="checkbox"/>	B5 Cold; All JSAs
<input type="checkbox"/>	1,3,4,5,6	Severe Weather	NA <input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High <input type="checkbox"/>	B6 Severe Weather: All JSAs
<input checked="" type="checkbox"/>	3,4,5,6	Walking/Working Surfaces	NA <input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High <input type="checkbox"/>	B7 Safe Walking Surfaces and Work Areas: JSA 1,3,4,7
<input checked="" type="checkbox"/>	4,5,6	Noise	NA <input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High <input type="checkbox"/>	B8 Noise: All JSA's
<input checked="" type="checkbox"/>	5,6	Live Electrical Equipment	NA <input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High <input type="checkbox"/>	B14 Live Electrical Equip: JSA 5,6,9
<input type="checkbox"/>	4,5	Poor Lighting	NA <input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High <input type="checkbox"/>	B7 Safe Walking Surfaces and Work Areas; JSA 1,3,4,7
<input checked="" type="checkbox"/>	4,5,6	Overhead Hazards	NA <input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High <input type="checkbox"/>	B15 Overhead Hazards: JSA 2,5,6
<input checked="" type="checkbox"/>	3,4,5,6	Traffic Management (Vehicle, pedestrian interference)	NA <input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High <input type="checkbox"/>	B17 Traffic Management: All JSA
<input checked="" type="checkbox"/>	5,6	Heavy machinery/drill rigs	NA <input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High <input type="checkbox"/>	B18 Heavy Machinery: JSA 4,5

Project: BASF Facility Cranston, RI Date (8/21)	<h2 style="margin: 0;">DAILY SAFE WORK FORM</h2>	SES (Page 5 of 6)
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Tasks, Potential Hazards, and Recommended Actions or Procedures				
Today's Activities (Check Each)	Task Number(s)	Hazards	Relative Hazard /Risk Rating*	Hazard Controls Mechanism and/or JSA (See HASP)
<input checked="" type="checkbox"/>	5,6	Trenching/Excavation	NA <input checked="" type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High <input type="checkbox"/>	B19 Trenching/Excavation: JSA 4,5,6,8
<input checked="" type="checkbox"/>	1,3,4,5,6	Vehicle use	NA <input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High <input type="checkbox"/>	B20 Vehicle Use: All JSA
<input type="checkbox"/>	2,3	Work near/on water	NA <input checked="" type="checkbox"/> Low <input type="checkbox"/> Medium <input type="checkbox"/> High <input type="checkbox"/>	B21 Work Near/On Water: JSA 1
<input type="checkbox"/>	4,5	Elevated heights (<4ft)	NA <input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High <input type="checkbox"/>	B22 Working from Heights (<4 feet)
<input type="checkbox"/>	4,5	Elevated heights (>4ft)	NA <input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High <input type="checkbox"/>	B23 Working from Heights (>4 feet)
<input checked="" type="checkbox"/>	5,6	Overhead/underground utilities	NA <input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High <input type="checkbox"/>	B24 Overhead/Underground Utilities: JSA 1,3,4
<input checked="" type="checkbox"/>	4,5,6	Powered hand tools	NA <input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High <input type="checkbox"/>	B25 Electrically Powered Equipment and Tools: JSA 9
<input checked="" type="checkbox"/>	4,5,6	Electrically powered equipment	NA <input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High <input type="checkbox"/>	B25 Electrically Powered Equipment and Tools: JSA 9
<input type="checkbox"/>	4,5,6	Cutting devices/tools	NA <input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High <input type="checkbox"/>	B26 Cutting Devices/Tools; JSA 9
<input checked="" type="checkbox"/>	4,5	Drums, cylinders, containers	NA <input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High <input type="checkbox"/>	B1 Chemical: JSA 4
<input checked="" type="checkbox"/>	3,4,5,6	Material handling, ergonomics	NA <input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High <input type="checkbox"/>	B29 Material Handling/Ergonomics: JSA 2,6,7,9
<input checked="" type="checkbox"/>	3,5,6	Poisonous/irritating plants	NA <input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High <input type="checkbox"/>	B32 Plants and Animals: All JSAs
<input checked="" type="checkbox"/>	4,5,6	Insects/rodents/snakes	NA <input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High <input type="checkbox"/>	B32 Plants and Animals; All JSAs
<input checked="" type="checkbox"/>	3,5,6	Ticks, mosquitos	NA <input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High <input type="checkbox"/>	B32 Poisonous Plants, Animals, and Insects; All JSA
<input type="checkbox"/>	1,3,4,5,6	Employees working early/late	NA <input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High <input type="checkbox"/>	B34 Personal Safety; All JSAs
<input type="checkbox"/>	Note: A single hazard may be listed under several Tasks. In this case, use the highest Severity ranking of the tasks evaluated as the overall ranking.			

Description of Any Additional Activities, And Associated Health and Safety Risks and Protective Procedures/Equipment:

BASF
180 Mill Street, Lot 1102
Cranston, RI

Date	Name	Company Name	Time In	Time out
8/21	Charles McCarthy	SES	0630	1530
8/21	John Sepala	SES	0630	1530
8/21	Joseph Dreban	AEI	0630	1610
8/21	Robert Medaglia	AEI	0630	1610
8/21	Stephanie Hall	SES	0630	1530
8/21	Don Pilkey	SES	0630	1610
8/21	Aaron Ting	AEI	0630	1615
8/21	KEVIN SWERNEY	SES	0630	330
8/21	Chris Green	Graf	6:40	2:30pm
8/21	RYAN DOUGHERTY	SES	6:30	1700

DAILY PROJECT REPORT

Project: BASF, Lot 1102
180 Mill Street
Cranston, RI

Submitted By: Aaron C. Ting

Signature: 

Date: 8/22/2018



Weather: Rainy, turning to sunny in afternoon

Daily

Precipitation: 0.22"

Temp: 85-64

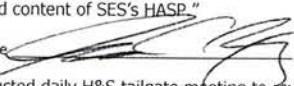
(Hi - low)

PERSONNEL/EQUIPMENT	
Contractor	No.
	Superintendent
	1 Foremen
	H&S/QA Officer
	4 Operators
	2 Laborers
	Other Trades (Surveyor)
SubContractor	No. Company/Firm
	N/A
	10 Total Personnel On Site

Owner/Representative: N/A	
AEI Personnel: Aaron Ting	
	1
Joe Drebaum	
	1
Robert Medaglio	
	1
Visitors On Site: N/A	

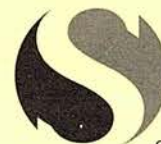
MAJOR EQUIPMENT:	EQUIPMENT/MATERIALS RECEIVED:
2 support trucks, Bobcat 289D skid steer, CAT 321C/315C excavators	
CAT 996H Loader, 20-yard metal recycling container,	
United Rentals 5 cy dump truck, 20-cy dump trailer	
2-trash/recycling bins, 2-100 yd rail cars	

WORK COMPLETED:
SES loaded temporarily stockpiled soils, Type 2B, located on Lot 1102 and transported using 20-cy dump trailer to temporary stockpile area on Lot 2682.
SES continued excavations to remove soils designated as Type 2B. Soils removed, transported via 20cy dump trailer and temporarily stockpiled on Lot 2682. Excavation stake locations include: - 370, 369, 365, 374 (7' depth). - 422, 423, 424, 425 (7' depth); concrete foundation walls observed in excavation, SES needs to remove in order to reach target depth; - 456, 457, 460, 461 (4' depth); in process of completing.
Approximately, 152 cubic yards of Type 2B soils were excavated and transported from Lot 1102 to 2682 for temporary stockpiling and future rail transport.
AEI set up and calibrated perimeter dust monitors. No dust monitors observed action levels exceeding during today's work. SES used water to control fugitive dust emissions. SES covered stockpiles and surrounded by haybales at the end of the workday.
AEI conducted post excavation sampling using the Dextsil analyzer (Method 9078) and sent duplicate aliquots for lab analysis (8082A/3540C).
SES managing stockpiles and surrounding deeper excavations (>3') with staked orange snow fence.

HEALTH & SAFETY:
AEI has reviewed SES's Safe Work Form/Pre-Task Plan for today, and verifies, by signing below, that these documents comply with the procedures and content of SES's HASP.
AEI Signature: 
SES/AEI conducted daily H&S tailgate meeting to review work scope and safety precautions/JSAs associated with safe work practices. See SES SWP/PTP for topics discussed and issues raised.

ISSUES/CHANGES/RESOLUTIONS:
N/A

DISCUSSIONS/CLIENT DIRECTION:
N/A



DAILY WORKSHEET

Date: 8/22/18						Project Number: 18-0315	
WEDNESDAY							
CLIENT / SITE INFORMATION							
Name: BASF							
Address: 180 MILL ST.							
CRASTON, RI							
Contact: AARON/AEI							
PROJECTS NOTES							
HELD H+S MEETING / REVIEWED SOW w/ AEI / CONT. SOIL + DEBRIS EXCAVATIONS EFFORT AT CELL (369, 370, 365, 374) / TRANSPORTED REMAINING ²⁵ SOIL IN 11002 STOCK OVER TO 2682 STOCKPILE. INITIALLY SEPARATED SOME OF THE HEAVIER DEBRIS + METAL FROM 2682 STOCKPILE. EXCAVATED CELL (431-434) CONCRETE STRUCTURE / POSSIBLE TANK) SEPTIC LINE / BEGAN EXCAVATION CELL (456, 457, 460, 461) / TRANS. APPROX. 240 YDS. TO LOT 2682 STOCKPILE.							
*OP SUPPORT FOR SAMPLING CELL (369-374)							
LABOR						MATERIALS / EQUIPMENT / TOOLS	
Name	Position	Travel	On-site	Off-Site	Travel	Quantity	Item / Description
R. DOUGHERTY	SUP		0630	1600			PPE Level: A B C D mod.
C. MCCARTHY	FT			1600		2	SERVICE VEH.
M. JAMROS	FT			1530		1	SITE TRAILER / RESTROOM / SINK
K. SWEENEY	OP			1530		1	GENERATOR
D. PILKINGTON	OP			1530		1	CONEX BOX
B. SIMPSON	OP			1530		2	EXCAVATORS (321C/315C)
S. LAJOIE	DR		0730	1600		1	SKID STEER (289D)
J. SZPILA	OP		0230	1530		1	LOADER (466H)
SUBCONTRACTORS						1	ROLL OFF TRUCK
MECHAN FUEL - (2) EXC. (1) LOADER (1) SKID (1) DIRT TANK ^{BY}						2	ROLL OFF CANS (METAL / 409NER / 28637R4R)
(1) GENERATOR						1	DUMP TRUCK (OR 10558256)
						4 ROL	20 MIL POLY
						4 CA.	CHK ROOTS
						5 EA.	FIRE HOSE 1.5" X 50' w/ NOZZLE + METER
						1	HYDRATION
WEATHER OBSERVATIONS						Project Manager's Signature: _____	
CLOUDY w/ RAIN 73°						Client's Signature: _____	

Project:
BASF Facility
Cranston, RI
Date (8/22)

SES, Sutton, MA
(Page 1 of 6)

[illegible]

Project: BASF Facility Cranston, RI Date (8/22)	DAILY SAFE WORK FORM	SES (Page <u>2</u> of <u>6</u>)
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Type of Equipment/Vehicles/Motorized Equipment			
<input checked="" type="checkbox"/>	Field Service Trailer	<input checked="" type="checkbox"/>	Roll-off Tractor Truck
<input checked="" type="checkbox"/>	Excavators	<input checked="" type="checkbox"/>	Roll-off containers
<input checked="" type="checkbox"/>	Loader	<input checked="" type="checkbox"/>	Dump Truck/Triaxle
<input type="checkbox"/>	Track Dozer	<input type="checkbox"/>	Dump Trailers
<input checked="" type="checkbox"/>	Skid Steer Loader	<input checked="" type="checkbox"/>	Pickup Utility Trucks
<input type="checkbox"/>	Frac Tank	<input type="checkbox"/>	Sump Pump
<input checked="" type="checkbox"/>	Generator	<input type="checkbox"/>	Trench Box
<input type="checkbox"/>	Water Buffalo	<input type="checkbox"/>	NaOH Storage Tank
<input type="checkbox"/>	Sawzail	<input type="checkbox"/>	Other (list)

This work also requires the use of the permits or documents checked below	
<input checked="" type="checkbox"/>	PROJECT-SPECIFIC HASP
<input type="checkbox"/>	LOCK-OUT, TAG-OUT PERMIT
<input checked="" type="checkbox"/>	PRE-TASK PLANNING FORM
<input type="checkbox"/>	CONFINED SPACE ENTRY PERMIT
<input type="checkbox"/>	OTHERS (LIST)

Anticipated Project Risks and Hazards Identification Identify the source/s used and include necessary specific information (See Daily Pre-Task Plan for day-specific information)			
Used	N/A	Source	Specific Risk or Hazard that needs to be addressed
X		Pre-work Inspection of the work site	See SES HASP
X		MSDS review / includes any 'new' chemicals	MSDS Sheets Provided in HASP
	X	Crane Operations	
	X	Elevated Work	
X		Environmental Conditions	See SES HASP
X		Heavy Powered Mobile Equipment Use	Excavators to load soil into trucks, truck traffic
	X	Language / Communication Difficulties	
X		Materials to be used	See Pre-Task Plan
	X	Overhead Work / Rigging	
	X	Special Equipment to be used	
X		Trenching / Excavation	See SES HASP
	X	Utilities System tie-in / restrictions	
X		Other Risks or Hazards	PCB/VOC-contaminated soils; Sodium Persulfate

Anticipated Project Required Precautions & Protective Measures Be sure that each identified Risk or Hazard is addressed (See Daily Pre-Task Plan for day-specific information)			
Need	N/A	Area	Specific measures that are required
X		Access & Egress Plans (People & Equipment)	To be developed on site with SES work crew
	X	Barricades needed	
	X	BASF equipment / materials to be used	
	X	Electrical safety equipment required	
	X	Elevator use	
X		Emergency Equipment	See SES HASP
X		Emergency Plans / Emergency Responder	See SES HASP
	X	Fall protection	
X		First Aid / Medical Treatment provisions	See SES HASP
	X	HOT WORK Procedure requirements	
	X	HVAC System requirements	
	X	LINE-BREAKING procedure requirements	
	X	Scaffolds / decking	
X		Temporary electrical power	See SES HASP
	X	Temporary Utilities services	
X		Trench / Excavation Boxes	See SES HASP

Project: BASF Facility Cranston, RI Date (8/22)	<h2 style="margin: 0;">DAILY SAFE WORK FORM</h2>	SES (Page <u>3</u> of <u>6</u>)
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	Other Requirements	
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Required Personal Protective Equipment (PPE) Identify the source/s used and check the appropriate boxes									
		<input type="checkbox"/> PPE GRID		<input checked="" type="checkbox"/> MSDS	<input type="checkbox"/> BASF Knowledge	<input type="checkbox"/> Work Provider Knowledge	<input type="checkbox"/> Prior SWP		
YES	NO	ITEM				YES	NO	Item	
X		Hardhat (either) <input type="checkbox"/> Fiberglass <input checked="" type="checkbox"/> Plastic					X	Rain Suit	<input type="checkbox"/> Jacket <input type="checkbox"/> Pants
X		Safety Glasses, ANZI-rated, side shields					X	Chemical Suit	<input type="checkbox"/> Jacket <input type="checkbox"/> Pants
	X	Goggles <input type="checkbox"/> Chemical <input type="checkbox"/> Dust					X	Personal Fall Protection Equipment	
	X	Faceshield				X		Gloves	<input checked="" type="checkbox"/> Chemical <input type="checkbox"/> Work
X		Hearing Protection <input checked="" type="checkbox"/> Plugs <input type="checkbox"/> Muffs				X		Long sleeve shirt and steel toed boots with steel shank	
	X	Respirator <input type="checkbox"/> Half-mask <input type="checkbox"/> Full-face				X		Boots	<input type="checkbox"/> Rubber <input checked="" type="checkbox"/> Other
	X	Dust Mask					X	Welding Protection	
	X	Fire Retardant Electrical Clothing					X	Retrieval System for Confined Spaces	
X		Eyewash Station				X		Mobile phone or radios	
X		Tyvek Suits				X		Insect repellent, sunscreen	
		Other PPE (list)				X		High-visibility, reflective vest	

Training Requirements		
Need	N/A	Area
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	BASF Safety Orientation (if required)
X		MSDS Reviews
X		Review of precautions listed above per SES HASP
X		Review of required PPE
		Other training (specify) –

Project: BASF Facility Cranston, RI Date (8/22)	DAILY SAFE WORK FORM	SES (Page 4 of 6)
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STRATEGIC ENVIRONMENTAL SERVICES PRE-TASK PLAN (PTP)	PROJECT / JOB / TASK (Description): BASF Cranston/CMI Implementation SES SUPERVISOR: RYAN DOUGHERTY	LOCATION: 180 Mill Street, Cranston, RI	DATE 8/22/18
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Note: SES Daily Report Forms are completed daily (see attached), documenting work progress, equipment, personnel, weather, issues encountered and resolution, health and safety actions/issues, changes in work conditions, client interface.

Task List (Check off AND Circle today's activities)	
<input type="checkbox"/>	Task 1 - Permitting
<input type="checkbox"/>	Task 2 - Mobilization/Site Prep/Road & Decontamination Road Installation/Erosion Controls
<input checked="" type="checkbox"/>	Task 3 - Excavation/Decontamination/Soil Stock Piling/Loading/ISCO/Dewatering/Liquid Management
<input checked="" type="checkbox"/>	Task 4 - Transportation and Disposal of Contaminated Material
<input type="checkbox"/>	Task 5 - Backfilling and Grading/Geotextile and Vegetation Placement
<input type="checkbox"/>	Task 6 - Demobilization

Tasks, Potential Hazards, and Recommended Actions or Procedures				
Today's Activities (Check Each)	Task Number(s)	Hazards	Relative Hazard /Risk Rating*	Hazard Controls Mechanism and/or JSA (See HASP)
<input checked="" type="checkbox"/>	3	Chemical Hazards	NA <input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High <input type="checkbox"/>	B1 Chemical: JSA 10
<input checked="" type="checkbox"/>	3,4,5	Dust/Fumes/Particulates	NA <input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High <input type="checkbox"/>	B2 Dust: JSAs 1,2,4,5,6
<input checked="" type="checkbox"/>	3,4,5,6	Job Zone Control	NA <input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High <input type="checkbox"/>	B3 Job Zone Control; All JSAs
<input type="checkbox"/>	3,4,5,6	Heat	NA <input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High <input type="checkbox"/>	B4 Heat: All JSAs
<input type="checkbox"/>	3,4,5,6	Cold	NA <input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High <input type="checkbox"/>	B5 Cold; All JSAs
<input checked="" type="checkbox"/>	1,3,4,5,6	Severe Weather	NA <input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High <input type="checkbox"/>	B6 Severe Weather: All JSAs
<input checked="" type="checkbox"/>	3,4,5,6	Walking/Working Surfaces	NA <input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High <input checked="" type="checkbox"/>	B7 Safe Walking Surfaces and Work Areas: JSA 1,3,4,7
<input checked="" type="checkbox"/>	4,5,6	Noise	NA <input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High <input type="checkbox"/>	B8 Noise: All JSA's
<input checked="" type="checkbox"/>	5,6	Live Electrical Equipment	NA <input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High <input type="checkbox"/>	B14 Live Electrical Equip: JSA 5,6,9
<input type="checkbox"/>	4,5	Poor Lighting	NA <input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High <input type="checkbox"/>	B7 Safe Walking Surfaces and Work Areas; JSA 1,3,4,7
<input checked="" type="checkbox"/>	4,5,6	Overhead Hazards	NA <input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High <input type="checkbox"/>	B15 Overhead Hazards: JSA 2,5,6
<input checked="" type="checkbox"/>	3,4,5,6	Traffic Management (Vehicle, pedestrian interference)	NA <input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High <input type="checkbox"/>	B17 Traffic Management: All JSA
<input checked="" type="checkbox"/>	5,6	Heavy machinery/drill rigs	NA <input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High <input type="checkbox"/>	B18 Heavy Machinery: JSA 4,5

Project: BASF Facility Cranston, RI Date (8/22)	<h2 style="margin: 0;">DAILY SAFE WORK FORM</h2>	SES (Page <u>5</u> of <u>6</u>)
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Tasks, Potential Hazards, and Recommended Actions or Procedures				
Today's Activities (Check Each)	Task Number(s)	Hazards	Relative Hazard /Risk Rating*	Hazard Controls Mechanism and/or JSA (See HASP)
<input checked="" type="checkbox"/>	5,6	Trenching/Excavation	NA <input checked="" type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High <input type="checkbox"/>	B19 Trenching/Excavation:JSA 4,5,6,8
<input checked="" type="checkbox"/>	1,3,4,5,6	Vehicle use	NA <input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High <input type="checkbox"/>	B20 Vehicle Use: All JSA
<input type="checkbox"/>	2,3	Work near/on water	NA <input checked="" type="checkbox"/> Low <input type="checkbox"/> Medium <input type="checkbox"/> High <input type="checkbox"/>	B21 Work Near/On Water: JSA 1
<input type="checkbox"/>	4,5	Elevated heights (<4ft)	NA <input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High <input type="checkbox"/>	B22 Working from Heights (<4 feet)
<input type="checkbox"/>	4,5	Elevated heights (>4ft)	NA <input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High <input type="checkbox"/>	B23 Working from Heights (>4 feet)
<input checked="" type="checkbox"/>	5,6	Overhead/underground utilities	NA <input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High <input type="checkbox"/>	B24 Overhead/Underground Utilities: JSA 1,3,4
<input type="checkbox"/>	4,5,6	Powered hand tools	NA <input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High <input type="checkbox"/>	B25 Electrically Powered Equipment and Tools: JSA 9
<input type="checkbox"/>	4,5,6	Electrically powered equipment	NA <input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High <input type="checkbox"/>	B25 Electrically Powered Equipment and Tools: JSA 9
<input type="checkbox"/>	4,5,6	Cutting devices/tools	NA <input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High <input type="checkbox"/>	B26 Cutting Devices/Tools; JSA 9
<input checked="" type="checkbox"/>	4,5	Drums, cylinders, containers	NA <input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High <input type="checkbox"/>	B1 Chemical: JSA 4
<input checked="" type="checkbox"/>	3,4,5,6	Material handling, ergonomics	NA <input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High <input type="checkbox"/>	B29 Material Handling/Ergonomics: JSA 2,6,7,9
<input checked="" type="checkbox"/>	3,5,6	Poisonous/irritating plants	NA <input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High <input type="checkbox"/>	B32 Plants and Animals: All JSAs
<input checked="" type="checkbox"/>	4,5,6	Insects/rodents/snakes	NA <input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High <input type="checkbox"/>	B32 Plants and Animals; All JSAs
<input checked="" type="checkbox"/>	3,5,6	Ticks, mosquitos	NA <input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High <input type="checkbox"/>	B32 Poisonous Plants, Animals, and Insects; All JSA
<input type="checkbox"/>	1,3,4,5,6	Employees working early/late	NA <input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High <input type="checkbox"/>	B34 Personal Safety; All JSAs
<input type="checkbox"/>	Note:A single hazard may be listed under several Tasks. In this case, use the highest Severity ranking of the tasks evaluated as the overall ranking.			

Description of Any Additional Activities, And Associated Health and Safety Risks and Protective Procedures/Equipment:

BASF
180 Mill Street, Lot 1102
Cranston, RI

Date	Name	Company Name	Time In	Time out
8/22	RYAN DOUGHERTY	SES	0630	1600
8/22	KEVIN SWEENEY	SES	0630	1534
8/22	William Simpson	SES	0630	1536
8/22	Dan Pilley	SES	0630	1536
8/22	Mike JAMES	SES	0630	1530
8/22	John Sepia	SES	0630	1530
8/22	Robert Medaglia	AEI	0630	15:55
8/22	Joseph Dehann	AEI	0630	15:55
8/22/18	Aaron Ting	AEI	0630	1600
8/22/18	Charles McCarthy	SES	0630	1600
8/22/19	Scott LaPie	SES	0730	1100

DAILY PROJECT REPORT



Project: BASF, Lot 1102
180 Mill Street
Cranston, RI

Submitted By: Aaron C. Ting

Signature: *[Signature]*

Date: 8/22/2018

23 ACT 012316 RE

Weather: Cloudy, turning to sunny in afternoon

Daily

Precipitation: 0"

Temp: 70-66

(HI - low)

PERSONNEL/EQUIPMENT

Contractor No. _____
Superintendent _____
1 Foremen _____ SES
H&S/QA Officer _____
4 Operators _____ SES
2 Laborers _____ SES
Other Trades (Surveyor) _____

Owner/Representative: N/A

AEI Personnel: Aaron Ting 1
Joe Drebaum 1
Robert Medaglio 1

SubContractor No. _____ Company/Firm _____
N/A

Visitors On Site: N/A

10 Total Personnel On Site

MAJOR EQUIPMENT:

2 support trucks, Bobcat 289D skid steer, CAT 321C/315C excavators
CAT 996H Loader, 20-yard metal recycling container,
United Rentals 5 cy dump truck, 20-cy dump trailer
2-trash/recycling bins, 2-100 yd rail cars

EQUIPMENT/MATERIALS RECEIVED:

CAT 322 with hoe ram
CAT 315C demobilized from site
haybales, temporary fencing

WORK COMPLETED:

SES continued excavations to remove soils designated as Type 2B and began excavating Type 2C. Soils removed, transported via 20cy dump trailer and temporarily stockpiled on Lot 2682. Excavation stake locations include:

- 456, 457, 460, 461 (4' depth);
- 470, 471, 472, 473, 474 (5'/6' depths). Encountered GW at ~5' bgs.

Approximately, 96 cubic yards of Type 2B/2C soils were excavated and transported from Lot 1102 to 2682 for temporary stockpiling and future rail transport.

SES relocated the Type 2B soil stockpile temporary laydown area on Lot 1102 to make room for tomorrow's excavations.

AEI set up and calibrated perimeter dust monitors. No dust monitors observed action levels exceeding during today's work. AEI conducted workzone monitoring when excavating Type 2C soils. No elevated dust action levels within the workzone were observed. SES used water to control fugitive dust emissions. SES covered stockpiles and surrounded by haybales at the end of the workday. SES managing stockpiles and surrounding deeper excavations (>3') with staked orange snow fence. SES used a higher strength tarp to cover the 2B soils on Lot 2682 due to the rebar and other debris puncturing the 6-mil poly.

SES setup temporary fencing around 7'excavation at end of day.

AEI conducted post excavation sampling in excavations reaching target depth. Excavations reaching target depth were completed in the

HEALTH & SAFETY:

AEI has reviewed SES's Safe Work Form/Pre-Task Plan for today, and verifies, by signing below, that these documents comply with the procedures and content of SES's HASP."

AEI Signature *[Signature]*

SES/AEI conducted daily H&S tailgate meeting to review work scope and safety precautions/JSAs associated with safe work practices. See SES SWP/PTP for topics discussed and issues raised.

ISSUES/CHANGES/RESOLUTIONS:

N/A

DISCUSSIONS/CLIENT DIRECTION:

N/A



DAILY WORKSHEET

Date: 8/23

Project Number: 18-0315

THURSDAY

CLIENT / SITE INFORMATION

Name: BASF

Address: 180 MILL ST.

CRANSTON RI

Contact: AARON (AEI)

PROJECTS NOTES

HELD HIS MEETING / REVIEWED SOW W/ AEI / CONT EXCAVATION IN CELL 456-461 TO ACHIEVE 4' DEPTH / BEGIN EXCAVATING (2C) SOILS CELL 469-476 CONTACT W/ GROUND WATER 5'-2" / CONT (2C) SOIL EXCAVATION CELL 470-474 ENCOUNTERED GROUND WATER @ 4' / BOTH (2C) SOILS EXC. HEAVY DEBRIS AND CONCRETE / ~~RELOCATED~~ ^{RELOCATED} BOTH EXC + LOADER BUCKETS / RELOCATED 2B SOIL STOCKPILE TO NE CORNER OF PLOT / COVERED LOT 2682 STOCKPILE W/ 100X100 TARP. SET UP BARRIER FENCE AROUND 7' EXCAVATION NEAR OFFICE. DOCUMENTED SOIL QUANTITIES ON ENMS.

LABOR

Name	Position	Travel	On-site	Off-Site	Travel
R. DOUGHERTY	SUP		0630	1730	
K. SWEENEY	OP			1545	
B. SIMPSON	OP			1545	
J. SZPILA	OP			1545	
C. MCCARTHY	FT			1600	
R. GADOURY	FT			1545	
M. TAMROS	FT			1545	
S. LAJOIE	DR			1545	

MATERIALS / EQUIPMENT / TOOLS

Quantity	Item / Description
	PPE Level: A B C D MOD.
2	SERVICE VEH.
1	SITE TRAILER / RESTROOM / SINK
1	GENERATOR
1	CONEX BOX
2	EXCAVATORS (321C / 322L)
1	SKID STEER (289D)
1	LOADER (966H)
1	ROLL OFF TRUCK
2	ROLL OFF CANS (METAL 409NER / SOIL 28063TR4R)
1	DUMP TRUCK (UR 10558256)
2 EA.	20 MIL POLY SHEETING
2 ROLL	6 MIL POLY SHEETING
10 EA.	CHK BOOTS
5 EA.	FIRE HOSE 1.5X50' w/ NOZZLE + METER
8 EA.	HYDRATION
4 EA.	100X100 BLUE TARPS

WEATHER OBSERVATIONS

RAIN IN A.M. / SUNNY 74°s

Project Manager's Signature: _____

Client's Signature: _____

Project: BASF Facility Cranston, RI Date (8/23)	DAILY SAFE WORK FORM	SES (Page 2 of 6)
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Type of Equipment/Vehicles/Motorized Equipment			
<input checked="" type="checkbox"/>	Field Service Trailer	<input checked="" type="checkbox"/>	Roll-off Tractor Truck
<input checked="" type="checkbox"/>	Excavators	<input checked="" type="checkbox"/>	Roll-off containers
<input checked="" type="checkbox"/>	Loader	<input checked="" type="checkbox"/>	Dump Truck/Triaxle
<input type="checkbox"/>	Track Dozer	<input type="checkbox"/>	Dump Trailers
<input checked="" type="checkbox"/>	Skid Steer Loader	<input checked="" type="checkbox"/>	Pickup Utility Trucks
<input type="checkbox"/>	Frac Tank	<input type="checkbox"/>	Sump Pump
<input checked="" type="checkbox"/>	Generator	<input type="checkbox"/>	Trench Box
<input type="checkbox"/>	Water Buffalo	<input type="checkbox"/>	NaOH Storage Tank
<input type="checkbox"/>	Sawzail	<input type="checkbox"/>	Other (list)

This work also requires the use of the permits or documents checked below	
<input checked="" type="checkbox"/>	PROJECT-SPECIFIC HASP
<input type="checkbox"/>	LOCK-OUT, TAG-OUT PERMIT
<input checked="" type="checkbox"/>	PRE-TASK PLANNING FORM
<input type="checkbox"/>	CONFINED SPACE ENTRY PERMIT
<input type="checkbox"/>	OTHERS (LIST)

Anticipated Project Risks and Hazards Identification Identify the source/s used and include necessary specific information (See Daily Pre-Task Plan for day-specific information)			
Used	N/A	Source	Specific Risk or Hazard that needs to be addressed
X		Pre-work Inspection of the work site	See SES HASP
X		MSDS review / includes any 'new' chemicals	MSDS Sheets Provided in HASP
	X	Crane Operations	
	X	Elevated Work	
X		Environmental Conditions	See SES HASP
X		Heavy Powered Mobile Equipment Use	Excavators to load soil into trucks, truck traffic
	X	Language / Communication Difficulties	
X		Materials to be used	See Pre-Task Plan
	X	Overhead Work / Rigging	
	X	Special Equipment to be used	
X		Trenching / Excavation	See SES HASP
	X	Utilities System tie-in / restrictions	
X		Other Risks or Hazards	PCB/VOC-contaminated soils; Sodium Persulfate

Anticipated Project Required Precautions & Protective Measures Be sure that each identified Risk or Hazard is addressed (See Daily Pre-Task Plan for day-specific information)			
Need	N/A	Area	Specific measures that are required
X		Access & Egress Plans (People & Equipment)	To be developed on site with SES work crew
	X	Barricades needed	
	X	BASF equipment / materials to be used	
	X	Electrical safety equipment required	
	X	Elevator use	
X		Emergency Equipment	See SES HASP
X		Emergency Plans / Emergency Responder	See SES HASP
	X	Fall protection	
X		First Aid / Medical Treatment provisions	See SES HASP
	X	HOT WORK Procedure requirements	
	X	HVAC System requirements	
	X	LINE-BREAKING procedure requirements	
	X	Scaffolds / decking	
X		Temporary electrical power	See SES HASP
	X	Temporary Utilities services	
X		Trench / Excavation Boxes	See SES HASP

Project: BASF Facility Cranston, RI Date (8/23)	<h2 style="margin: 0;">DAILY SAFE WORK FORM</h2>	SES (Page 3 of 6)
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Other Requirements	
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Required Personal Protective Equipment (PPE) Identify the source/s used and check the appropriate boxes									
		<input type="checkbox"/> PPE GRID		<input checked="" type="checkbox"/> MSDS	<input type="checkbox"/> BASF Knowledge	<input type="checkbox"/> Work Provider Knowledge	<input type="checkbox"/> Prior SWP		
YES	NO	ITEM				YES	NO	Item	
X		Hardhat (either) <input type="checkbox"/> Fiberglass <input checked="" type="checkbox"/> Plastic					X	Rain Suit	<input type="checkbox"/> Jacket <input type="checkbox"/> Pants
X		Safety Glasses, ANZI-rated, side shields					X	Chemical Suit	<input type="checkbox"/> Jacket <input type="checkbox"/> Pants
	X	Goggles <input type="checkbox"/> Chemical <input type="checkbox"/> Dust					X	Personal Fall Protection Equipment	
	X	Faceshield				X		Gloves	<input checked="" type="checkbox"/> Chemical <input type="checkbox"/> Work
X		Hearing Protection <input checked="" type="checkbox"/> Plugs <input type="checkbox"/> Muffs				X		Long sleeve shirt and steel toed boots with steel shank	
	X	Respirator <input type="checkbox"/> Half-mask <input type="checkbox"/> Full-face				X		Boots	<input type="checkbox"/> Rubber <input checked="" type="checkbox"/> Other
	X	Dust Mask					X	Welding Protection	
	X	Fire Retardant Electrical Clothing					X	Retrieval System for Confined Spaces	
X		Eyewash Station				X		Mobile phone or radios	
X		Tyvek Suits				X		Insect repellent, sunscreen	
		Other PPE (list)				X		High-visibility, reflective vest	

Training Requirements		
Need	N/A	Area
X	X	BASF Safety Orientation (if required)
X		MSDS Reviews
X		Review of precautions listed above per SES HASP
X		Review of required PPE
		Other training (specify) –

Project: BASF Facility Cranston, RI Date (8/23)	DAILY SAFE WORK FORM	SES (Page 4 of 6)
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STRATEGIC ENVIRONMENTAL SERVICES PRE-TASK PLAN (PTP)	PROJECT / JOB / TASK (Description): BASF Cranston/CMI Implementation SES SUPERVISOR: RYAN DOUGHERTY	LOCATION: 180 Mill Street, Cranston, RI	DATE 8/23
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Note: SES Daily Report Forms are completed daily (see attached), documenting work progress, equipment, personnel, weather, issues encountered and resolution, health and safety actions/issues, changes in work conditions, client interface.

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<input type="checkbox"/>	Task 1 - Permitting
<input type="checkbox"/>	Task 2 - Mobilization/Site Prep/Road & Decontamination Road Installation/Erosion Controls
<input checked="" type="checkbox"/>	Task 3 - Excavation/Decontamination/Soil Stock Piling/Loading/ISCO/Dewatering/Liquid Management
<input checked="" type="checkbox"/>	Task 4 - Transportation and Disposal of Contaminated Material
<input type="checkbox"/>	Task 5 - Backfilling and Grading/Geotextile and Vegetation Placement
<input type="checkbox"/>	Task 6 - Demobilization

Tasks, Potential Hazards, and Recommended Actions or Procedures				
Today's Activities (Check Each)	Task Number(s)	Hazards	Relative Hazard / Risk Rating*	Hazard Controls Mechanism and/or JSA (See HASP)
<input checked="" type="checkbox"/>	3	Chemical Hazards	NA <input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High <input type="checkbox"/>	B1 Chemical: JSA 10
<input checked="" type="checkbox"/>	3,4,5	Dust/Fumes/Particulates	NA <input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High <input type="checkbox"/>	B2 Dust: JSAs 1,2,4,5,6
<input checked="" type="checkbox"/>	3,4,5,6	Job Zone Control	NA <input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High <input type="checkbox"/>	B3 Job Zone Control; All JSAs
<input checked="" type="checkbox"/>	3,4,5,6	Heat	NA <input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High <input type="checkbox"/>	B4 Heat: All JSAs
<input type="checkbox"/>	3,4,5,6	Cold	NA <input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High <input type="checkbox"/>	B5 Cold; All JSAs
<input type="checkbox"/>	1,3,4,5,6	Severe Weather	NA <input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High <input type="checkbox"/>	B6 Severe Weather: All JSAs
<input checked="" type="checkbox"/>	3,4,5,6	Walking/Working Surfaces	NA <input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High <input type="checkbox"/>	B7 Safe Walking Surfaces and Work Areas: JSA 1,3,4,7
<input checked="" type="checkbox"/>	4,5,6	Noise	NA <input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High <input type="checkbox"/>	B8 Noise: All JSA's
<input checked="" type="checkbox"/>	5,6	Live Electrical Equipment	NA <input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High <input type="checkbox"/>	B14 Live Electrical Equip: JSA 5,6,9
<input type="checkbox"/>	4,5	Poor Lighting	NA <input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High <input type="checkbox"/>	B7 Safe Walking Surfaces and Work Areas; JSA 1,3,4,7
<input checked="" type="checkbox"/>	4,5,6	Overhead Hazards	NA <input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High <input type="checkbox"/>	B15 Overhead Hazards: JSA 2,5,6
<input checked="" type="checkbox"/>	3,4,5,6	Traffic Management (Vehicle, pedestrian interference)	NA <input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High <input type="checkbox"/>	B17 Traffic Management: All JSA
<input checked="" type="checkbox"/>	5,6	Heavy machinery/drill rigs	NA <input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High <input type="checkbox"/>	B18 Heavy Machinery: JSA 4,5

Project:
BASF Facility
Cranston, RI
Date (8/23)

DAILY SAFE WORK FORM

SES
(Page 5 of 6)

Tasks, Potential Hazards, and Recommended Actions or Procedures

Today's Activities (Check Each)	Task Number(s)	Hazards	Relative Hazard /Risk Rating*	Hazard Controls Mechanism and/or JSA (See HASP)
<input checked="" type="checkbox"/>	5,6	Trenching/Excavation	NA <input checked="" type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High <input type="checkbox"/>	B19 Trenching/Excavation: JSA 4,5,6,8
<input checked="" type="checkbox"/>	1,3,4,5,6	Vehicle use	NA <input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High <input type="checkbox"/>	B20 Vehicle Use: All JSA
<input checked="" type="checkbox"/>	2,3	Work near/on water	NA <input checked="" type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High <input type="checkbox"/>	B21 Work Near/On Water: JSA 1
<input type="checkbox"/>	4,5	Elevated heights (<4ft)	NA <input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High <input type="checkbox"/>	B22 Working from Heights (<4 feet)
<input type="checkbox"/>	4,5	Elevated heights (>4ft)	NA <input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High <input type="checkbox"/>	B23 Working from Heights (>4 feet)
<input checked="" type="checkbox"/>	5,6	Overhead/underground utilities	NA <input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High <input type="checkbox"/>	B24 Overhead/Underground Utilities: JSA 1,3,4
<input type="checkbox"/>	4,5,6	Powered hand tools	NA <input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High <input type="checkbox"/>	B25 Electrically Powered Equipment and Tools: JSA 9
<input checked="" type="checkbox"/>	4,5,6	Electrically powered equipment	NA <input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High <input type="checkbox"/>	B25 Electrically Powered Equipment and Tools: JSA 9
<input type="checkbox"/>	4,5,6	Cutting devices/tools	NA <input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High <input type="checkbox"/>	B26 Cutting Devices/Tools; JSA 9
<input checked="" type="checkbox"/>	4,5	Drums, cylinders, containers	NA <input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High <input type="checkbox"/>	B1 Chemical: JSA 4
<input checked="" type="checkbox"/>	3,4,5,6	Material handling, ergonomics	NA <input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High <input type="checkbox"/>	B29 Material Handling/Ergonomics: JSA 2,6,7,9
<input checked="" type="checkbox"/>	3,5,6	Poisonous/irritating plants	NA <input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High <input type="checkbox"/>	B32 Plants and Animals: All JSAs
<input checked="" type="checkbox"/>	4,5,6	Insects/rodents/snakes	NA <input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High <input type="checkbox"/>	B32 Plants and Animals; All JSAs
<input checked="" type="checkbox"/>	3,5,6	Ticks, mosquitos	NA <input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High <input type="checkbox"/>	B32 Poisonous Plants, Animals, and Insects; All JSA
<input type="checkbox"/>	1,3,4,5,6	Employees working early/late	NA <input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High <input type="checkbox"/>	B34 Personal Safety; All JSAs
<input type="checkbox"/>	Note: A single hazard may be listed under several Tasks. In this case, use the highest Severity ranking of the tasks evaluated as the overall ranking.			

Description of Any Additional Activities, And Associated Health and Safety Risks and Protective Procedures/Equipment:

BASF
180 Mill Street, Lot 1102
Cranston, RI

Date	Name	Company Name	Time In	Time out
8/23	RTAN DOUGHERTY	SES	0630	1545 1730
8/23	KEVIN SWEENEY	SES	0630	1543
8/23	William Simpson	SES.	0630	1545 1545
8/23	Ryan Guebury	SES	0630	1545
8/23	Aaron Tins	AEI	0630	1700
8/23	Joseph Probaum	AEI	0630	1540
8/23	Robert Medaglia	AEI	0630	1540
8/23	Charles McCarthy	SES	0630	1645
8/23	John Szpik	SES	0630	1545
8/23	Mike Janros	SES	0630	1545 1545
8/23	Scott Lajone	SES	0630	1544

DAILY PROJECT REPORT



Project: BASF, Lot 1102
180 Mill Street
Cranston, RI

Submitted By: Aaron C. Ting
Signature:
Date: 8/24/2018

Weather: Partly Sunny

Daily
Precipitation: 0" Temp: 83-62
(Hi - low)

PERSONNEL/EQUIPMENT	
Contractor	No.
1	Superintendent
1	Foremen
	H&S/QA Officer
4	Operators
3	Laborers
	Other Trades (Surveyor)
SubContractor	No. Company/Firm
1	Diprete (Surveyor)
16	Total Personnel On Site

Owner/Representative: Joseph Guarnaccia	1
AEI Personnel: Aaron Ting	1
Joe Drebaum	1
Rick Kowalski	1
Steve Graham	1
Visitors On Site: Frank Battaglia (EPA)	1

MAJOR EQUIPMENT:	EQUIPMENT/MATERIALS RECEIVED:
2 support trucks, Bobcat 289D skid steer, CAT 321C/322 excavators	
CAT 996H Loader, 20-yard metal recycling container,	
United Rentals 5 cy dump truck, 20-cy dump trailer	
2-trash/recycling bins, 2-100 yd rail cars	
hoe ram	

WORK COMPLETED:

SES continued excavations to remove soils designated as Type 2B and Type 2C. Soils removed, transported via 20cy dump trailer and temporarily stockpiled on Lot 2682. Excavation stake locations include:

- 406, 416, 413, 418 (7' depth); GW encountered at ~6' bgs;
- 406, 407, 408, 418 (6' depth). Needed to clear and grub tree within excavation limits. Tree was added to clearing stockpile, while stump was broken into 12" minus size and added to soil.

SES using water to control fugitive dust emissions.

Approximately, 271 cubic yards of Type 2B/2C soils were excavated and transported from Lot 1102 to 2682 for temporary stockpiling and future rail transport.

Weekly project progress meeting with SES/AEI/BASF in attendance. Meeting minutes to be distributed by AEI prior to next meeting.

AEI set up and calibrated perimeter dust monitors. No dust monitors observed action levels exceeding during today's work. AEI conducted workzone monitoring when excavating Type 2C soils. No elevated dust action levels within the workzone were observed. SES used water to control fugitive dust emissions. SES covered stockpiles and surrounded by haybales at the end of the workday. SES managing stockpiles and surrounding deeper excavations (>3') with staked orange snow fence. SES used a higher strength tarp to cover the 2B soils on Lot 2682 due to the rebar and other debris puncturing the 6-mil poly.

SES setup temporary fencing around 7' excavation at end of day.

EPA (Frank Battaglia) made a site visit to overview site work progress. No issues noted by EPA during visit.

HEALTH & SAFETY:

AEI has reviewed SES's Safe Work Form/Pre-Task Plan for today, and verifies, by signing below, that these documents comply with the procedures and content of SES's HASP."

AEI Signature:

SES/AEI conducted daily H&S tailgate meeting to review work scope and safety precautions/JSAs associated with safe work practices. See SES SWP/PTP for topics discussed and issues raised.

ISSUES/CHANGES/RESOLUTIONS:

N/A

DISCUSSIONS/CLIENT DIRECTION:

N/A



DAILY WORKSHEET

Date: 8/24/18						Project Number: 18-0315	
FRIDAY							
CLIENT / SITE INFORMATION							
Name: BASF							
Address: 180 MILL ST.							
(RANSTON), RI							
Contact: AARON (AET)							
PROJECTS NOTES *EXC. QUANTITIES DOCUMENTED ON EMMS SHEET.							
HELD HIS MEETING / REVIEW SOIL W/ AET / BEGAN EXCAVATION OF (2C) SOIL @ CELL (406-418)							
RAN INTO HEAVY DEBRIS (CONCRETE, REBAR, ETC.) HIT GROUND WATER @ 5' FT. / BEGAN EXCAVATION EFFORT							
IN (2B) SOIL @ CELL (406-418) MAIN HEAVY DEBRIS AND GROUND WATER @ 6' FT. / TRANSPORTED APPROX.							
260 YDS. OF SOIL TO LOT 2682 STOCKPILE / SECURED DEEP EXC. W/ TEMP FENCE + BARRIER FENCINGS							
COVERED STOCKPILES W/ SHEETING + TARP. WILL CONT. EFFORTS IN CELL (406-418) MONDAY.							
* WEEKLY CBSO MEETING W/ AET + BASF							
* EPA SITE VISIT (FRANK) 1500-1600							
LABOR						MATERIALS / EQUIPMENT / TOOLS	
Name	Position	Travel	On-site	Off-Site	Travel	Quantity	Item / Description
R. DOUGHERTY	SUP		1630	1700			PPE Level: A B C (D) MOD.
M. TAMROS	FT			1600		2	SERVICE VEH.
S. LAJOIE	DR			1600		1	SITE TRAILER / RESTROOM / SINK
B. SIMPSON	OP			1530		1	GENERATOR
K. SWEENEY	OP			1600		1	CONEX BOX
C. REARDON	FT			1430		2	EXCAVATORS (321C / 352L) HAMMER
J. SZPILA	OP			1530		1	SKID STEER (289D)
C. MCCARTHY	FT			1630		1	LOADER (966H)
SUBCONTRACTORS						1	ROLL OFF TRUCK
ARMSCO - DELIVERY (POLT, NITRIL) ^{TRAILER BOX}						2	ROLL OFF CANS (METAL / SOIL 409NER / 28063TR4R)
* COLONY - DELIVERY (6) 1.5" FIRE HOSE						1	DUMP TRUCK (UR 10558256)
* RETURN (4) 2" FIRE HOSE.						2 ROL	6 MIL POLY
						10 EN.	CHCK BOOTS
						5 CA.	FIRE HOSE 1.5" X 50' w/ NOZZLE + METER
						8	HYDRATION
WEATHER OBSERVATIONS							
SUNNY 80°S						Project Manager's Signature: _____	
						Client's Signature: _____	

Excavation Date:	Source Location (station, offset, etc.) Cross- Ref w/ Map:	Excavation Volume	Soil Stockpile Designation	Reuse on/off- site or Off-site	Disposal Facility	Re-Use Date
8/21	CELL-369,370,365,374 LIVE LOAD w/ EXC. HEAVY DEBRIS 20X40X7 (GW) (2B)	152 YD. (1) ROLL (3) DUMP	LOT 2682 STOCKPILE			
8/22	CELL-369,370,365,374 LIVE LOAD w/ EXC. HEAVY DEBRIS 20X40X7 (GW) (2B)	80 YD. (1) ROLL (3) DUMP	LOT 2682 STOCKPILE			
8/22	CELL-421-424 LOADER 20X20X7 (2B)	127.9 TON 94 YDS.	LOT 2682 STOCKPILE			
8/22	CELL 456,457,460,461 20X20X4 (2B)	36.6 TON 27 YD.	LOT 2682 STOCKPILE			
8/23	CELL 456,457,460,461 CONT. 20X20X4 (2B)	38.65 TON 29 YD.	LOT 2682 STOCKPILE			
8/23	CELL 469,470,474,475,476 REBAR/LOADER 5'-2" 20X18X6 (2C)	53.15 TON 39 YD.	LOT 2682 STOCKPILE			
8/23	CELL 470,474 CONCRETE/REBAR WELL PAD 20X18X5 (2C)	36.4 TON 27 YD.	LOT 2682 STOCKPILE			
8/24	CELL 406,413,416,418 HEAVY DEBRIS 20X20X7 (2C)	156 YDS. (1) ROLL (5) DUMP	LOT 2682 STOCKPILE			
8/24	CELL 406,407,408,418 HEAVY DEBRIS 20X20X6 (2B)	(5) ROLL 115 YDS. (5) DUMP T-2682	LOT 2682 STOCKPILE			

Project:

BAŞF Facility
Cranston, RI

Date (8/24) FRI.

DAILY SAFE WORK FORM No.15

SES, Sutton, MA

(Page 1 of 6)

Description of Work: CMI Implementation Project

Start Date / Time: (Date) (Time) 8/24/18 1630

Location of Work	180 Mill Street, Cranston, RI
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Primary/Lead Company Name: SES

Contact Person: RYAN DOUGHERTY

Contact phone # (508) 579-2565

Sign-off sheet attesting that the HASP has been made available and reviewed by the individual prior to entry into the site, and/or daily H&S briefing. All personnel participating in the project must receive initial Health and Safety Orientation. Thereafter, a tailgate safety meeting is required daily, and as otherwise deemed necessary by the Site Health and Safety Officer. By signing below, an individual certifies that he has read, understood, and will observe the contents of this HASP and Daily Safe Work Form with Pre-Task Planning Form.

Date	Name of Attendee (Print)	Company	Initials
8/24	ERAN DOUGHERTY	SES	ED
8/24	Scott Laforte	SES	SL
8/24	William Simpson	SES	WS
8/24	MIKE JAMROS	SES	MJ
8/24/18	KERIN SWENEY	SES	KS
8/24/18	Conor Bewick	SES	CB
8/24/18	Rachel Karselski	AEI	RK
8/24/18	John Seals Jr	SES	JS
8/24/18	Joseph Diddam	AEI	JD
8/24	Joe Guarnaccini	BASF	JG
8/24	Aaron Ting	AEI	AT
8/24	Charles McCarthy ID	SES	CM
8/24	German Granda	DE	GG
8/24	STEVE GRAHAM	AEI	SG
8/24	Paul Sauerbrey	AEI, SES	PS

It is SES's policy that visitors must furnish their own personal protective equipment. All visitors are required to sign the visitor log and comply with Health and Safety Plan requirements. If the visitor represents a regulatory agency concerned with site health and safety issues, the Designated Site Supervisor shall also immediately notify HSC.

[illegible]

Project: BASF Facility Cranston, RI Date (8/24)	DAILY SAFE WORK FORM	SES (Page 2 of 6)
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Type of Equipment/Vehicles/Motorized Equipment			
<input checked="" type="checkbox"/>	Field Service Trailer	<input checked="" type="checkbox"/>	Roll-off Tractor Truck
<input checked="" type="checkbox"/>	Excavators	<input checked="" type="checkbox"/>	Roll-off containers
<input checked="" type="checkbox"/>	Loader	<input checked="" type="checkbox"/>	Dump Truck/Triaxle
<input type="checkbox"/>	Track Dozer	<input type="checkbox"/>	Dump Trailers
<input checked="" type="checkbox"/>	Skid Steer Loader	<input checked="" type="checkbox"/>	Pickup Utility Trucks
<input type="checkbox"/>	Frac Tank	<input type="checkbox"/>	Sump Pump
<input checked="" type="checkbox"/>	Generator	<input type="checkbox"/>	Trench Box
<input type="checkbox"/>	Water Buffalo	<input type="checkbox"/>	NaOH Storage Tank
<input type="checkbox"/>	Sawzail	<input type="checkbox"/>	Other (list)

This work also requires the use of the permits or documents checked below	
<input checked="" type="checkbox"/>	PROJECT-SPECIFIC HASP
<input type="checkbox"/>	LOCK-OUT, TAG-OUT PERMIT
<input checked="" type="checkbox"/>	PRE-TASK PLANNING FORM
<input type="checkbox"/>	CONFINED SPACE ENTRY PERMIT
<input type="checkbox"/>	OTHERS (LIST)

Anticipated Project Risks and Hazards Identification Identify the source/s used and include necessary specific information (See Daily Pre-Task Plan for day-specific information)			
Used	N/A	Source	Specific Risk or Hazard that needs to be addressed
X		Pre-work Inspection of the work site	See SES HASP
X		MSDS review / includes any 'new' chemicals	MSDS Sheets Provided in HASP
	X	Crane Operations	
	X	Elevated Work	
X		Environmental Conditions	See SES HASP
X		Heavy Powered Mobile Equipment Use	Excavators to load soil into trucks, truck traffic
	X	Language / Communication Difficulties	
X		Materials to be used	See Pre-Task Plan
	X	Overhead Work / Rigging	
	X	Special Equipment to be used	
X		Trenching / Excavation	See SES HASP
	X	Utilities System tie-in / restrictions	
X		Other Risks or Hazards	PCB/VOC-contaminated soils; Sodium Persulfate

Anticipated Project Required Precautions & Protective Measures Be sure that each identified Risk or Hazard is addressed (See Daily Pre-Task Plan for day-specific information)			
Need	N/A	Area	Specific measures that are required
X		Access & Egress Plans (People & Equipment)	To be developed on site with SES work crew
	X	Barricades needed	
	X	BASF equipment / materials to be used	
	X	Electrical safety equipment required	
	X	Elevator use	
X		Emergency Equipment	See SES HASP
X		Emergency Plans / Emergency Responder	See SES HASP
	X	Fall protection	
X		First Aid / Medical Treatment provisions	See SES HASP
	X	HOT WORK Procedure requirements	
	X	HVAC System requirements	
	X	LINE-BREAKING procedure requirements	
	X	Scaffolds / decking	
X		Temporary electrical power	See SES HASP
	X	Temporary Utilities services	
X		Trench / Excavation Boxes	See SES HASP

Project:
BASF Facility
Cranston, RI
Date (8/24)

DAILY SAFE WORK FORM

SES
(Page 2 of 6)

Other Requirements

Required Personal Protective Equipment (PPE) Identify the source/s used and check the appropriate boxes

<input type="checkbox"/> PPE GRID <input checked="" type="checkbox"/> MSDS <input type="checkbox"/> BASF Knowledge <input type="checkbox"/> Work Provider Knowledge <input type="checkbox"/> Prior SWP					
YES	NO	ITEM	YES	NO	ITEM
X		Hardhat (either) <input type="checkbox"/> Fiberglass <input checked="" type="checkbox"/> Plastic		X	Rain Suit <input type="checkbox"/> Jacket <input type="checkbox"/> Pants
X		Safety Glasses, ANZI-rated, side shields		X	Chemical Suit <input type="checkbox"/> Jacket <input type="checkbox"/> Pants
	X	Goggles <input type="checkbox"/> Chemical <input type="checkbox"/> Dust		X	Personal Fall Protection Equipment
	X	Faceshield	X		Gloves <input checked="" type="checkbox"/> Chemical <input type="checkbox"/> Work
X		Hearing Protection <input checked="" type="checkbox"/> Plugs <input type="checkbox"/> Muffs	X		Long sleeve shirt and steel toed boots with steel shank
	X	Respirator <input type="checkbox"/> Half-mask <input type="checkbox"/> Full-face	X		Boots <input type="checkbox"/> Rubber <input checked="" type="checkbox"/> Other
	X	Dust Mask		X	Welding Protection
	X	Fire Retardant Electrical Clothing		X	Retrieval System for Confined Spaces
X		Eyewash Station	X		Mobile phone or radios
X		Tyvek Suits	X		Insect repellent, sunscreen
		Other PPE (list)	X		High-visibility, reflective vest

Training Requirements

Need	N/A	Area
X	X	BASF Safety Orientation (if required)
X		MSDS Reviews
X		Review of precautions listed above per SES HASP
X		Review of required PPE
		Other training (specify) –

Project: BASF Facility Cranston, RI Date (8/24)	DAILY SAFE WORK FORM	SES (Page 4 of 6)
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STRATEGIC ENVIRONMENTAL SERVICES PRE-TASK PLAN (PTP)	PROJECT / JOB / TASK (Description): BASF Cranston/CMI Implementation SES SUPERVISOR: RYAN DOUGHERTY	LOCATION: 180 Mill Street, Cranston, RI	DATE 8/24
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Note: SES Daily Report Forms are completed daily (see attached), documenting work progress, equipment, personnel, weather, issues encountered and resolution, health and safety actions/issues, changes in work conditions, client interface.

Task List (Check off AND Circle today's activities)	
<input type="checkbox"/>	Task 1 - Permitting
<input type="checkbox"/>	Task 2 - Mobilization/Site Prep/Road & Decontamination Road Installation/Erosion Controls
<input checked="" type="checkbox"/>	Task 3 - Excavation/Decontamination/Soil Stock Piling/Loading/ISCO/Dewatering/Liquid Management
<input checked="" type="checkbox"/>	Task 4 - Transportation and Disposal of Contaminated Material
<input type="checkbox"/>	Task 5 - Backfilling and Grading/Geotextile and Vegetation Placement
<input type="checkbox"/>	Task 6 - Demobilization

Tasks, Potential Hazards, and Recommended Actions or Procedures				
Today's Activities (Check Each)	Task Number(s)	Hazards	Relative Hazard /Risk Rating*	Hazard Controls Mechanism and/or JSA (See HASP)
<input checked="" type="checkbox"/>	3	Chemical Hazards	NA <input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High <input type="checkbox"/>	B1 Chemical: JSA 10
<input checked="" type="checkbox"/>	3,4,5	Dust/Fumes/Particulates	NA <input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High <input type="checkbox"/>	B2 Dust: JSAs 1,2,4,5,6
<input checked="" type="checkbox"/>	3,4,5,6	Job Zone Control	NA <input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High <input type="checkbox"/>	B3 Job Zone Control; All JSAs
<input checked="" type="checkbox"/>	3,4,5,6	Heat	NA <input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input checked="" type="checkbox"/> High <input type="checkbox"/>	B4 Heat: All JSAs
<input type="checkbox"/>	3,4,5,6	Cold	NA <input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High <input type="checkbox"/>	B5 Cold; All JSAs
<input type="checkbox"/>	1,3,4,5,6	Severe Weather	NA <input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High <input type="checkbox"/>	B6 Severe Weather: All JSAs
<input checked="" type="checkbox"/>	3,4,5,6	Walking/Working Surfaces	NA <input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High <input type="checkbox"/>	B7 Safe Walking Surfaces and Work Areas: JSA 1,3,4,7
<input checked="" type="checkbox"/>	4,5,6	Noise	NA <input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High <input type="checkbox"/>	B8 Noise: All JSA's
<input checked="" type="checkbox"/>	5,6	Live Electrical Equipment	NA <input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High <input type="checkbox"/>	B14 Live Electrical Equip: JSA 5,6,9
<input type="checkbox"/>	4,5	Poor Lighting	NA <input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High <input type="checkbox"/>	B7 Safe Walking Surfaces and Work Areas; JSA 1,3,4,7
<input checked="" type="checkbox"/>	4,5,6	Overhead Hazards	NA <input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High <input type="checkbox"/>	B15 Overhead Hazards: JSA 2,5,6
<input checked="" type="checkbox"/>	3,4,5,6	Traffic Management (Vehicle, pedestrian interference)	NA <input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High <input type="checkbox"/>	B17 Traffic Management: All JSA
<input checked="" type="checkbox"/>	5,6	Heavy machinery/drill rigs	NA <input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High <input type="checkbox"/>	B18 Heavy Machinery: JSA 4,5

Project:
BASF Facility
Cranston, RI
Date ()

DAILY SAFE WORK FORM

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Tasks, Potential Hazards, and Recommended Actions or Procedures

Today's Activities (Check Each)	Task Number(s)	Hazards	Relative Hazard /Risk Rating*	Hazard Controls Mechanism and/or JSA (See HASP)
<input checked="" type="checkbox"/>	5,6	Trenching/Excavation	NA <input checked="" type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High <input type="checkbox"/>	B19 Trenching/Excavation: JSA 4,5,6,8
<input checked="" type="checkbox"/>	1,3,4,5,6	Vehicle use	NA <input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High <input type="checkbox"/>	B20 Vehicle Use: All JSA
<input type="checkbox"/>	2,3	Work near/on water	NA <input checked="" type="checkbox"/> Low <input type="checkbox"/> Medium <input type="checkbox"/> High <input type="checkbox"/>	B21 Work Near/On Water: JSA 1
<input type="checkbox"/>	4,5	Elevated heights (<4ft)	NA <input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High <input type="checkbox"/>	B22 Working from Heights (<4 feet)
<input type="checkbox"/>	4,5	Elevated heights (>4ft)	NA <input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High <input type="checkbox"/>	B23 Working from Heights (>4 feet)
<input checked="" type="checkbox"/>	5,6	Overhead/underground utilities	NA <input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High <input type="checkbox"/>	B24 Overhead/Underground Utilities: JSA 1,3,4
<input type="checkbox"/>	4,5,6	Powered hand tools	NA <input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High <input type="checkbox"/>	B25 Electrically Powered Equipment and Tools: JSA 9
<input checked="" type="checkbox"/>	4,5,6	Electrically powered equipment	NA <input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High <input type="checkbox"/>	B25 Electrically Powered Equipment and Tools: JSA 9
<input type="checkbox"/>	4,5,6	Cutting devices/tools	NA <input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High <input type="checkbox"/>	B26 Cutting Devices/Tools; JSA 9
<input checked="" type="checkbox"/>	4,5	Drums, cylinders, containers	NA <input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High <input type="checkbox"/>	B1 Chemical: JSA 4
<input checked="" type="checkbox"/>	3,4,5,6	Material handling, ergonomics	NA <input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High <input type="checkbox"/>	B29 Material Handling/Ergonomics: JSA 2,6,7,9
<input checked="" type="checkbox"/>	3,5,6	Poisonous/irritating plants	NA <input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High <input type="checkbox"/>	B32 Plants and Animals: All JSAs
<input checked="" type="checkbox"/>	4,5,6	Insects/rodents/snakes	NA <input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High <input type="checkbox"/>	B32 Plants and Animals; All JSAs
<input checked="" type="checkbox"/>	3,5,6	Ticks, mosquitos	NA <input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High <input type="checkbox"/>	B32 Poisonous Plants, Animals, and Insects; All JSA
<input type="checkbox"/>	1,3,4,5,6	Employees working early/late	NA <input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High <input type="checkbox"/>	B34 Personal Safety; All JSAs
<input type="checkbox"/>	Note: A single hazard may be listed under several Tasks. In this case, use the highest Severity ranking of the tasks evaluated as the overall ranking.			

Description of Any Additional Activities, And Associated Health and Safety Risks and Protective Procedures/Equipment:

BASF
180 Mill Street, Lot 1102
Cranston, RI

Date	Name	Company Name	Time In	Time out
8/24	RYAN DOUGHERTY	SES	0630	1700
8/24	MIKE JAMROS	SES	0630	1600
8/24	SEAN LAJOIE	SES	0630	1600
8/24	William Simpson	SES	0630	1530
8/24	KENNY SWEENEY	SES	0630	1400
8/24	Conor Reardon	SES	0630	1430
8/24	Ricci Kowalski	AEI	0630	16:07
8/24	John Szpila	SES	0630	1530
8/24	Joseph Dreban	AEI	0630	1530
8/24	Joe Guarnaccia	BASF	"	11:06 AM
8/24	Aaron Ting	AEI	0630	1215
8/24	GERMAN GRANDA	DE	7:00	9:00
8/24	STEVE GRAHAM	AEI	745	10:07 AM
			1137	1137

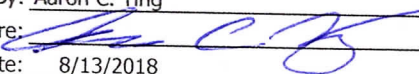
BASF
180 Mill Street, Lot 1102
Cranston, RI

[illegible]

DAILY PROJECT REPORT

Project: BASF, Lot 1102
180 Mill Street
Cranston, RI

Submitted By: Aaron C. Ting

Signature: 

Date: 8/13/2018

AEI
Consultants

Weather: Cloudy, Rainy in afternoon

Daily

Precipitation: >0.5"

Temp: 78 - 70
(Hi - low)

PERSONNEL/EQUIPMENT

Contractor	No.		
	1	Superintendent	SES
	1	Foremen	SES
		H&S/QA Officer	
	1	Operators	SES
	3	Laborers	SES
	1	Other Trades (Delivery)	SES

Owner/Representative: N/A

AEI Personnel:	Aaron Ting	1
	Joe Drebaum	1

SubContractor No. Company/Firm

Visitors On Site:

9 Total Personnel On Site

MAJOR EQUIPMENT:

1 support truck, Bobcat 289D skid steer, CAT 321 excavator

EQUIPMENT/MATERIALS RECEIVED:

CAT 315C Excavator

WORK COMPLETED:

SES removed permanent fence along Mill Street property border and cleaned up asphalt parking lot.

AEI setup and calibrated the perimeter air monitoring equipment. No actionable emissions or other exceedances of the dust action limits were observed or noted at the perimeter monitors. Rain during the day, so no water used for dust suppression. AEI ran through procedure for Dexsil and obtained equipment for sampling tomorrow.

HEALTH & SAFETY:

AEI has reviewed SES's Safe Work Form/Pre-Task Plan for today, and verifies, by signing below, that these documents comply with the procedures and content of SES's HASP."

AEI Signature 

SES/AEI conducted daily H&S tailgate meeting to review work scope and safety precautions/JSAs associated with safe work practices. See SES SWP/PTP for topics discussed and issues raised.

ISSUES/CHANGES/RESOLUTIONS:

AEI and SES discussed moving hazardous soils across street. AEI informed SES that a decontamination pad would be needed at both properties (Lot 1102 and Lot 2682) in order for hazardous soil transport to commence. SES to submit design of decon pad to AEI as soon as possible.

DISCUSSIONS/CLIENT DIRECTION:

N/A



DAILY WORKSHEET

Date: 08/13/2018

Project Number: 18-0315

Monday

CLIENT / SITE INFORMATION

Name: BASF

Address: 180 Mill St.
Cranston RI

Contact:

PROJECTS NOTES - Tool Box Safety Talk @ 6:30 am / Remove chain link fence on North side of property / Set up site controls / Clean parking area hard surface

LABOR

MATERIALS / EQUIPMENT / TOOLS

Name	Position	Travel	On-site	Off-Site	Travel
Tom Dykstra	S		6:30	1500	
Charlie McCarthy	F.T.		6:30		
Bret Sullivan	F.T.		6:30		
Stephanie Hall	F.T.		6:30		
John Szpila	Op.		6:30		

Quantity	Item / Description
5	PPE Level: A B C (D) - Modified
1	Service Vehicle
1	Site Trailer / Restroom

SUBCONTRACTORS

2	Excavators (321C/315C)
1	Skid Steer (289D)

WEATHER OBSERVATIONS

Cloudy / Mild 70°'s
Afternoon Rain

Project Manager's Signature: _____

Client's Signature: _____

Project:
BASF Facility
Cranston, RI
Date (08/13)

SES, Sutton, MA
(Page 1 of 6)

Servicing or Maintenance Work Description

Description of Work: CMI Implementation Project

Start Date / Time: (Date) (Time) 8/13/18 06:30

Location of Work	180 Mill Street, Cranston, RI
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Strategic Environmental Services, Inc. (SES)

Primary/Lead Company Name: SES

Contact Person: Tom Dukstrie

Contact phone # 774-276-1480

Health and Safety (H&S) Plan (HASP) Signatures

Sign-off sheet attesting that the HASP has been made available and reviewed by the individual prior to entry into the site, and/or daily H&S briefing. All personnel participating in the project must receive initial Health and Safety Orientation. Thereafter, a tailgate safety meeting is required daily, and as otherwise deemed necessary by the Site Health and Safety Officer. By signing below, an individual certifies that he has read, understood, and will observe the contents of this HASP and Daily Safe Work Form with Pre-Task Planning Form.

Health and Safety Meeting

[illegible]

Visitor Log

It is SES's policy that visitors must furnish their own personal protective equipment. All visitors are required to sign the visitor log and comply with Health and Safety Plan requirements. If the visitor represents a regulatory agency concerned with site health and safety issues, the Designated Site Supervisor shall also immediately notify HSC.

[illegible]

Project: BASF Facility Cranston, RI Date (08/13)	<h2 style="margin: 0;">DAILY SAFE WORK FORM</h2>	SES (Page <u>2</u> of <u>6</u>)
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Type of Equipment/Vehicles/Motorized Equipment			
<input checked="" type="checkbox"/>	Field Service Trailer	<input checked="" type="checkbox"/>	Roll-off Tractor Truck
<input checked="" type="checkbox"/>	Excavators	<input checked="" type="checkbox"/>	Roll-off containers
<input type="checkbox"/>	Loader	<input type="checkbox"/>	Dump Truck/Triaxle
<input type="checkbox"/>	Track Dozer	<input type="checkbox"/>	Dump Trailers
<input checked="" type="checkbox"/>	Skid Steer Loader	<input checked="" type="checkbox"/>	Pickup Utility Trucks
<input type="checkbox"/>	Frac Tank	<input type="checkbox"/>	Sump Pump
<input checked="" type="checkbox"/>	Generator	<input type="checkbox"/>	Trench Box
<input type="checkbox"/>	Water Buffalo	<input type="checkbox"/>	NaOH Storage Tank
<input type="checkbox"/>	Sawzail	<input type="checkbox"/>	Other (list)

This work also requires the use of the permits or documents checked below
<input checked="" type="checkbox"/> PROJECT-SPECIFIC HASP
<input type="checkbox"/> LOCK-OUT, TAG-OUT PERMIT
<input checked="" type="checkbox"/> PRE-TASK PLANNING FORM
<input type="checkbox"/> CONFINED SPACE ENTRY PERMIT
<input type="checkbox"/> OTHERS (LIST)

Anticipated Project Risks and Hazards Identification Identify the source/s used and include necessary specific information (See Daily Pre-Task Plan for day-specific information)			
Used	N/A	Source	Specific Risk or Hazard that needs to be addressed
X		Pre-work Inspection of the work site	See SES HASP
X		MSDS review / includes any 'new' chemicals	MSDS Sheets Provided in HASP
	X	Crane Operations	
	X	Elevated Work	
^		Environmental Conditions	See SES HASP
X		Heavy Powered Mobile Equipment Use	Excavators to load soil into trucks, truck traffic
	X	Language / Communication Difficulties	
X		Materials to be used	See Pre-Task Plan
	X	Overhead Work / Rigging	
	X	Special Equipment to be used	
X		Trenching / Excavation	See SES HASP
	X	Utilities System tie-in / restrictions	
X		Other Risks or Hazards	PCB/VOC-contaminated soils; Sodium Persulfate

Anticipated Project Required Precautions & Protective Measures Be sure that each identified Risk or Hazard is addressed (See Daily Pre-Task Plan for day-specific information)			
Need	N/A	Area	Specific measures that are required
X		Access & Egress Plans (People & Equipment)	To be developed on site with SES work crew
	X	Barricades needed	
	X	BASF equipment / materials to be used	
	X	Electrical safety equipment required	
	X	Elevator use	
X		Emergency Equipment	See SES HASP
X		Emergency Plans / Emergency Responder	See SES HASP
	X	Fall protection	
X		First Aid / Medical Treatment provisions	See SES HASP
	X	HOT WORK Procedure requirements	
	X	HVAC System requirements	
	X	LINE-BREAKING procedure requirements	
	X	Scaffolds / decking	
		Temporary electrical power	See SES HASP
	X	Temporary Utilities services	
X		Trench / Excavation Boxes	See SES HASP

Project: BASF Facility Cranston, RI Date (08/13)	<h2 style="margin: 0;">DAILY SAFE WORK FORM</h2>	SES (Page 3 of 6)
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Other Requirements	
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Required Personal Protective Equipment (PPE) Identify the source/s used and check the appropriate boxes									
<input type="checkbox"/> PPE GRID		<input checked="" type="checkbox"/> MSDS		<input type="checkbox"/> BASF Knowledge		<input type="checkbox"/> Work Provider Knowledge		<input type="checkbox"/> Prior SWP	
YES	NO	ITEM				YES	NO	Item	
<input checked="" type="checkbox"/>		Hardhat (either) <input type="checkbox"/> Fiberglass <input checked="" type="checkbox"/> Plastic					<input checked="" type="checkbox"/>	Rain Suit	<input type="checkbox"/> Jacket <input type="checkbox"/> Pants
<input checked="" type="checkbox"/>		Safety Glasses, ANZI-rated, side shields					<input checked="" type="checkbox"/>	Chemical Suit	<input type="checkbox"/> Jacket <input type="checkbox"/> Pants
	<input checked="" type="checkbox"/>	Goggles <input type="checkbox"/> Chemical <input type="checkbox"/> Dust					<input checked="" type="checkbox"/>	Personal Fall Protection Equipment	
	<input checked="" type="checkbox"/>	Faceshield				<input checked="" type="checkbox"/>		Gloves	<input checked="" type="checkbox"/> Chemical <input type="checkbox"/> Work
<input checked="" type="checkbox"/>		Hearing Protection <input checked="" type="checkbox"/> Plugs <input type="checkbox"/> Muffs				<input checked="" type="checkbox"/>		Long sleeve shirt and steel toed boots with steel shank	
	<input checked="" type="checkbox"/>	Respirator <input type="checkbox"/> Half-mask <input type="checkbox"/> Full-face				<input checked="" type="checkbox"/>		Boots	<input type="checkbox"/> Rubber <input checked="" type="checkbox"/> Other
	<input checked="" type="checkbox"/>	Dust Mask					<input checked="" type="checkbox"/>	Welding Protection	
	<input checked="" type="checkbox"/>	Fire Retardant Electrical Clothing					<input checked="" type="checkbox"/>	Retrieval System for Confined Spaces	
<input checked="" type="checkbox"/>		Eyewash Station				<input checked="" type="checkbox"/>		Mobile phone or radios	
<input checked="" type="checkbox"/>		Tyvek Suits				<input checked="" type="checkbox"/>		Insect repellent, sunscreen	
		Other PPE (list)				<input checked="" type="checkbox"/>		High-visibility, reflective vest	

Training Requirements		
Need	N/A	Area
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	BASF Safety Orientation (if required)
<input checked="" type="checkbox"/>		MSDS Reviews
<input checked="" type="checkbox"/>		Review of precautions listed above per SES HASP
<input checked="" type="checkbox"/>		Review of required PPE
		Other training (specify) –

Project: BASF Facility Cranston, RI Date (8/13)	DAILY SAFE WORK FORM	SES (Page 4 of 6)
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STRATEGIC ENVIRONMENTAL SERVICES PRE-TASK PLAN (PTP)	PROJECT / JOB / TASK (Description): BASF Cranston/CMI Implementation SES SUPERVISOR: <i>Tom Dykstra</i>	LOCATION: 180 Mill Street, Cranston, RI	DATE 8/13
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Note: SES Daily Report Forms are completed daily (see attached), documenting work progress, equipment, personnel, weather, issues encountered and resolution, health and safety actions/issues, changes in work conditions, client interface.

Task List (Check off AND Circle today's activities)	
<input type="checkbox"/>	Task 1 - Permitting
<input checked="" type="checkbox"/>	Task 2 – Mobilization/Site Prep/Road & Decontamination Road Installation/Erosion Controls
<input checked="" type="checkbox"/>	Task 3 – Excavation/Decontamination/Soil Stock Piling/Loading/ISCO/Dewatering/Liquid Management
<input type="checkbox"/>	Task 4 – Transportation and Disposal of Contaminated Material
<input type="checkbox"/>	Task 5 – Backfilling and Grading/Geotextile and Vegetation Placement
<input type="checkbox"/>	Task 6 - Demobilization

Tasks, Potential Hazards, and Recommended Actions or Procedures				
Today's Activities (Check Each)	Task Number(s)	Hazards	Relative Hazard /Risk Rating*	Hazard Controls Mechanism and/or JSA (See HASP)
<input checked="" type="checkbox"/>	3	Chemical Hazards	<input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High	B1 Chemical: JSA 10
<input checked="" type="checkbox"/>	3,4,5	Dust/Fumes/Particulates	<input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High	B2 Dust: JSAs 1,2,4,5,6
<input type="checkbox"/>	3,4,5,6	Job Zone Control	<input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High	B3 Job Zone Control; All JSAs
<input checked="" type="checkbox"/>	3,4,5,6	Heat	<input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High	B4 Heat: All JSAs
<input type="checkbox"/>	3,4,5,6	Cold	<input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High	B5 Cold; All JSAs
<input type="checkbox"/>	1,3,4,5,6	Severe Weather	<input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High	B6 Severe Weather: All JSAs
<input checked="" type="checkbox"/>	3,4,5,6	Walking/Working Surfaces	<input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High	B7 Safe Walking Surfaces and Work Areas: JSA 1,3,4,7
<input checked="" type="checkbox"/>	4,5,6	Noise	<input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High	B8 Noise: All JSA's
<input type="checkbox"/>	5,6	Live Electrical Equipment	<input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High	B14 Live Electrical Equip: JSA 5,6,9
<input type="checkbox"/>	4,5	Poor Lighting	<input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High	B7 Safe Walking Surfaces and Work Areas; JSA 1,3,4,7
<input checked="" type="checkbox"/>	4,5,6	Overhead Hazards	<input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High	B15 Overhead Hazards: JSA 2,5,6
<input checked="" type="checkbox"/>	3,4,5,6	Traffic Management (Vehicle, pedestrian interference)	<input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High	B17 Traffic Management: All JSA
<input checked="" type="checkbox"/>	5,6	Heavy machinery/drill rigs	<input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High	B18 Heavy Machinery: JSA 4,5

Project:
BASF Facility
Cranston, RI
Date (8/13)

DAILY SAFE WORK FORM

SES
(Page 5 of 6)

Tasks, Potential Hazards, and Recommended Actions or Procedures

Today's Activities (Check Each)	Task Number(s)	Hazards	Relative Hazard /Risk Rating*	Hazard Controls Mechanism and/or JSA (See HASP)
<input type="checkbox"/>	5,6	Trenching/Excavation	<input checked="" type="checkbox"/> Low <input type="checkbox"/> Medium <input type="checkbox"/> High	B19 Trenching/Excavation: JSA 4,5,6,8
<input type="checkbox"/>	1,3,4,5,6	Vehicle use	<input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High	B20 Vehicle Use: All JSA
<input type="checkbox"/>	2,3	Work near/on water	<input checked="" type="checkbox"/> Low <input type="checkbox"/> Medium <input type="checkbox"/> High	B21 Work Near/On Water: JSA 1
<input type="checkbox"/>	4,5	Elevated heights (<4ft)	<input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High	B22 Working from Heights (<4 feet)
<input type="checkbox"/>	4,5	Elevated heights (>4ft)	<input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High	B23 Working from Heights (>4 feet)
<input type="checkbox"/>	5,6	Overhead/underground utilities	<input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High	B24 Overhead/Underground Utilities: JSA 1,3,4
<input type="checkbox"/>	4,5,6	Powered hand tools	<input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High	B25 Electrically Powered Equipment and Tools: JSA 9
<input type="checkbox"/>	4,5,6	Electrically powered equipment	<input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High	B25 Electrically Powered Equipment and Tools: JSA 9
<input type="checkbox"/>	4,5,6	Cutting devices/tools	<input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High	B26 Cutting Devices/Tools; JSA 9
<input type="checkbox"/>	4,5	Drums, cylinders, containers	<input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High	B1 Chemical: JSA 4
<input type="checkbox"/>	3,4,5,6	Material handling, ergonomics	<input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High	B29 Material Handling/Ergonomics: JSA 2,6,7,9
<input checked="" type="checkbox"/>	3,5,6	Poisonous/irritating plants	<input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High	B32 Plants and Animals: All JSAs
<input checked="" type="checkbox"/>	4,5,6	Insects/rodents/snakes	<input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High	B32 Plants and Animals; All JSAs
<input checked="" type="checkbox"/>	3,5,6	Ticks, mosquitos	<input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High	B32 Poisonous Plants, Animals, and Insects; All JSA
<input type="checkbox"/>	1,3,4,5,6	Employees working early/late	<input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High	B34 Personal Safety; All JSAs
<input type="checkbox"/>	Note: A single hazard may be listed under several Tasks. In this case, use the highest Severity ranking of the tasks evaluated as the overall ranking.			

Description of Any Additional Activities, And Associated Health and Safety Risks and Protective Procedures/Equipment:

BASF
180 Mill Street, Lot 1102
Cranston, RI

Date	Name	Company Name	Time In	Time out
8/13/18	Stephanie Hall	SES	0648	1500
8/13/18	Tom Dykstra	SES	0645	1500 1530
8/13/18	John Szpila	SES	6 45	1500
8/13/18	Brett Sullivan	SES	6:30	1500
8/13/18	Charles McCarthy ID	SES	6:45	1500
8/13/18	Aaron Ting	AEI	0630	1530
8/13/18	Joseph Dreban	AEI	06:30	1515
8/13/18	Leanne Fure	SES	0830	0900
8/13/18	Paul Saccoccio	SES	0830	14:00

DAILY PROJECT REPORT

Project: BASF, Lot 1102
180 Mill Street
Cranston, RI

Submitted By: Aaron C. Ting

Signature: [Signature]

Date: 8/14/2018

AEI
 Consultants

Weather: Cloudy

Daily

Precipitation: <0.01"

Temp: 83-69

(Hi - low)

PERSONNEL/EQUIPMENT

Contractor	No.	
	1	Superintendent
		SES
	1	Foremen
		SES
		H&S/QA Officer
	1	Operators
		SES
	4	Laborers
		SES
		Other Trades (Delivery)
SubContractor	No.	Company/Firm
	1	New England Geotech (Dan Regan)
	11	Total Personnel On Site

Owner/Representative: N/A

AEI Personnel: Aaron Ting

1

Joe Drebaum

1

Rick Kowalski

1

Visitors On Site: N/A

MAJOR EQUIPMENT:

1 support truck, Bobcat 289D skid steer, CAT 321C/315C excavators

EQUIPMENT/MATERIALS RECEIVED:

20-yard dump truck, 20-yards 1.5-inch crushed

stone, 20-yard recycling container for scrap metal

WORK COMPLETED:

SES delineated support, contaminant reduction and exclusion zones using caution tape. Prepped Lot 2682 temporary stockpile area for future loading of soils via rail.

New England Geotech onsite to close wells in accordance with RI state regulations. Wells closed included PS-4 (Lot 1102) and PZ-2 (Lot 2682) to allow for safe entrance and exit of vehicles. Constructed entrance pad using 40 mil rubber underlayment and 1.5-inch crushed stone over filter fabric.

AEI setup and calibrated the perimeter air monitoring equipment. No actionable emissions or other exceedances of the dust action limits were observed or noted at the perimeter monitors. Conducted a soil erosion and sedimentation control plan inspection. Identified two issues, downed silt fence on the northern side of the site and some soil being tracked outside the main site entrance. SES corrected issues immediately by tacking up the downed silt fence and power sweeping the roadway.

HEALTH & SAFETY:

AEI has reviewed SES's Safe Work Form/Pre-Task Plan for today, and verifies, by signing below, that these documents comply with the procedures and content of SES's HASP."

AEI Signature [Signature]

SES/AEI conducted daily H&S tailgate meeting to review work scope and safety precautions/JSAs associated with safe work practices. See SES SWP/PTP for topics discussed and issues raised.

ISSUES/CHANGES/RESOLUTIONS:

AEI discussed well removal process with SES and noted SES needs to check with AEI and plan before closing any wells. Discussed decontamination of steel riser from well PS-4 before being added to scrap metal.

DISCUSSIONS/CLIENT DIRECTION:

BASF does not need the well removed on Lot 2682, PZ-2, to be replaced.

ACT 8/14/18
CL

tracking of soil from narrow section of clean fill between Mill St and on-site pavement.



DAILY WORKSHEET

Date: 08/14/2018

Project Number: 18-0315

Tuesday

CLIENT / SITE INFORMATION

Name: BASE (AEI)

Address: 180 Mill St.
Cranston RI

Contact:

PROJECTS NOTES 6:30 am start / Tool Box Talk, H+S review / Delineate exclusion zone / Set-up controls for soil excavation / LOT 1102 SET UP TRACKING PAPER / LOT 2682 - CLEARED BRUSH AND TREES / SET UP STOCKPILE AREA W/ 10 MIL POLY AND HAY BALES. NE GEOTECH - REMOVED (2) WELLS LOT 1102 + 2682 FROM FRONT OF DRIVEWAYS.

LABOR

MATERIALS / EQUIPMENT / TOOLS

Name	Position	Travel	On-site	Off-Site	Travel	Quantity	Item / Description
Tom Dykstra	SUP		0630	1530			PPE Level: A B C (D) - MOD
RYAN DOUGHERTY	SUP					2	SERVICE VEH.
CHARLIE MCARTHY	FT					1	SITE TRAILER/RESTROOM
MIKE JAMROS	FT					1	GENERATOR
RYAN GADOURY	FT					2	EXCAVATORS (321C/315C)
SCOTT LAJOIE	DR					1	SKID STEER (289D)
JOHN SZPILA	OP					1	ROLL OFF W/CAN (44) TRUCK
						6	10 MIL POLY (ROLLS)

SUBCONTRACTORS

New England Geotech - Dan
Regan

50	HAY BALES.
1/2	FILTER FABRIC (ROLL)
20	YDS. 1 1/4 STONE
1	ROLL DUCT TAPE
1	ROLL CAUTION TAPE
500	50' FIRE HOSE W/ NOZZLE
1	HYDRATION/ICE
14	CHICK BOOTS/THICK BOOTS.
2	WHITE TYRES.

WEATHER OBSERVATIONS

CLOUDY/RAIN - ON/OFF

Project Manager's Signature: _____

Client's Signature: _____

Project: BASF Facility Cranston, RI Date (8/14)	DAILY SAFE WORK FORM No. <u>7</u>	SES, Sutton, MA (Page <u>1</u> of <u>6</u>)
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Servicing or Maintenance Work Description	
Description of Work: CMI Implementation Project	
Start Date / Time: (Date) (Time) 8/14/18 0630	
Location of Work	180 Mill Street, Cranston, RI

Strategic Environmental Services, Inc. (SES)	
Primary/Lead Company Name: SES	
Contact Person: Tom Dykstra	
Contact phone # 774-276-1480	

[illegible][illegible]

Project: BASF Facility Cranston, RI Date (8/14)	<h2 style="margin: 0;">DAILY SAFE WORK FORM</h2>	SES (Page <u>2</u> of <u>6</u>)
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Type of Equipment/Vehicles/Motorized Equipment			
<input checked="" type="checkbox"/>	Field Service Trailer	<input checked="" type="checkbox"/>	Roll-off Tractor Truck
<input checked="" type="checkbox"/>	Excavators	<input checked="" type="checkbox"/>	Roll-off containers
<input type="checkbox"/>	Loader	<input type="checkbox"/>	Dump Truck/Triaxle
<input type="checkbox"/>	Track Dozer	<input type="checkbox"/>	Dump Trailers
<input checked="" type="checkbox"/>	Skid Steer Loader	<input checked="" type="checkbox"/>	Pickup Utility Trucks
<input type="checkbox"/>	Frac Tank	<input type="checkbox"/>	Sump Pump
<input checked="" type="checkbox"/>	Generator	<input type="checkbox"/>	Trench Box
<input type="checkbox"/>	Water Buffalo	<input type="checkbox"/>	NaOH Storage Tank
<input checked="" type="checkbox"/>	Sawzail	<input type="checkbox"/>	Other (list)

This work also requires the use of the permits or documents checked below	
<input checked="" type="checkbox"/>	PROJECT-SPECIFIC HASP
<input type="checkbox"/>	LOCK-OUT, TAG-OUT PERMIT
<input checked="" type="checkbox"/>	PRE-TASK PLANNING FORM
<input type="checkbox"/>	CONFINED SPACE ENTRY PERMIT
<input type="checkbox"/>	OTHERS (LIST)

Anticipated Project Risks and Hazards Identification Identify the source/s used and include necessary specific information (See Daily Pre-Task Plan for day-specific information)			
Used	N/A	Source	Specific Risk or Hazard that needs to be addressed
X		Pre-work Inspection of the work site	See SES HASP
X		MSDS review / includes any 'new' chemicals	MSDS Sheets Provided in HASP
	X	Crane Operations	
	X	Elevated Work	
X		Environmental Conditions	See SES HASP
X		Heavy Powered Mobile Equipment Use	Excavators to load soil into trucks, truck traffic
	X	Language / Communication Difficulties	
X		Materials to be used	See Pre-Task Plan
	X	Overhead Work / Rigging	
	X	Special Equipment to be used	
X		Trenching / Excavation	See SES HASP
	X	Utilities System tie-in / restrictions	
X		Other Risks or Hazards	PCB/VOC-contaminated soils; Sodium Persulfate

Anticipated Project Required Precautions & Protective Measures Be sure that each identified Risk or Hazard is addressed (See Daily Pre-Task Plan for day-specific information)			
Need	N/A	Area	Specific measures that are required
X		Access & Egress Plans (People & Equipment)	To be developed on site with SES work crew
	X	Barricades needed	
	X	BASF equipment / materials to be used	
	X	Electrical safety equipment required	
	X	Elevator use	
X		Emergency Equipment	See SES HASP
X		Emergency Plans / Emergency Responder	See SES HASP
	X	Fall protection	
X		First Aid / Medical Treatment provisions	See SES HASP
	X	HOT WORK Procedure requirements	
	X	HVAC System requirements	
	X	LINE-BREAKING procedure requirements	
	X	Scaffolds / decking	
X		Temporary electrical power	See SES HASP
	X	Temporary Utilities services	
X		Trench / Excavation Boxes	See SES HASP

Project: BASF Facility Cranston, RI Date (8/14)	<h2 style="margin: 0;">DAILY SAFE WORK FORM</h2>	SES (Page <u>3</u> of <u>6</u>)
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Other Requirements	
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Required Personal Protective Equipment (PPE) Identify the source/s used and check the appropriate boxes									
<input type="checkbox"/> PPE GRID		<input checked="" type="checkbox"/> MSDS		<input type="checkbox"/> BASF Knowledge		<input type="checkbox"/> Work Provider Knowledge		<input type="checkbox"/> Prior SWP	
YES	NO	ITEM				YES	NO	Item	
X		Hardhat (either) <input type="checkbox"/> Fiberglass <input checked="" type="checkbox"/> Plastic					X	Rain Suit	<input type="checkbox"/> Jacket <input type="checkbox"/> Pants
X		Safety Glasses, ANZI-rated, side shields					X	Chemical Suit	<input type="checkbox"/> Jacket <input type="checkbox"/> Pants
	X	Goggles <input type="checkbox"/> Chemical <input type="checkbox"/> Dust					X	Personal Fall Protection Equipment	
	X	Faceshield				X		Gloves	<input checked="" type="checkbox"/> Chemical <input type="checkbox"/> Work
X		Hearing Protection <input checked="" type="checkbox"/> Plugs <input type="checkbox"/> Muffs				X		Long sleeve shirt and steel toed boots with steel shank	
	X	Respirator <input type="checkbox"/> Half-mask <input type="checkbox"/> Full-face				X		Boots	<input type="checkbox"/> Rubber <input checked="" type="checkbox"/> Other
	X	Dust Mask					X	Welding Protection	
	X	Fire Retardant Electrical Clothing					X	Retrieval System for Confined Spaces	
X		Eyewash Station				X		Mobile phone or radios	
X		Tyvek Suits				X		Insect repellent, sunscreen	
		Other PPE (list)				X		High-visibility, reflective vest	

Training Requirements		
Need	N/A	Area
X	X	BASF Safety Orientation (if required)
X		MSDS Reviews
X		Review of precautions listed above per SES HASP
X		Review of required PPE
		Other training (specify) -

Project: BASF Facility Cranston, RI Date (8/14)	DAILY SAFE WORK FORM	SES (Page <u>4</u> of <u>6</u>)
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STRATEGIC ENVIRONMENTAL SERVICES	PROJECT / JOB / TASK (Description): BASF Cranston/CMI Implementation	LOCATION: 180 Mill Street, Cranston, RI	DATE 8/14
PRE-TASK PLAN (PTP)	SES SUPERVISOR: Tom Dykstra		

Note: SES Daily Report Forms are completed daily (see attached), documenting work progress, equipment, personnel, weather, issues encountered and resolution, health and safety actions/issues, changes in work conditions, client interface.

Task List (Check off AND Circle today's activities)	
<input type="checkbox"/>	Task 1 - Permitting
<input checked="" type="checkbox"/>	Task 2 – Mobilization/Site Prep/Road & Decontamination Road Installation/Erosion Controls
<input checked="" type="checkbox"/>	Task 3 – Excavation/Decontamination/Soil Stock Piling/Loading/ISCO/Dewatering/Liquid Management
<input type="checkbox"/>	Task 4 – Transportation and Disposal of Contaminated Material
<input type="checkbox"/>	Task 5 – Backfilling and Grading/Geotextile and Vegetation Placement
<input type="checkbox"/>	Task 6 - Demobilization

Tasks, Potential Hazards, and Recommended Actions or Procedures				
Today's Activities (Check Each)	Task Number(s)	Hazards	Relative Hazard /Risk Rating*	Hazard Controls Mechanism and/or JSA (See HASP)
<input checked="" type="checkbox"/>	3	Chemical Hazards	NA <input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High <input type="checkbox"/>	B1 Chemical: JSA 10
<input checked="" type="checkbox"/>	3,4,5	Dust/Fumes/Particulates	NA <input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High <input type="checkbox"/>	B2 Dust: JSAs 1,2,4,5,6
<input type="checkbox"/>	3,4,5,6	Job Zone Control	NA <input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High <input type="checkbox"/>	B3 Job Zone Control; All JSAs
<input checked="" type="checkbox"/>	3,4,5,6	Heat	NA <input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High <input type="checkbox"/>	B4 Heat: All JSAs
<input type="checkbox"/>	3,4,5,6	Cold	NA <input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High <input type="checkbox"/>	B5 Cold; All JSAs
<input type="checkbox"/>	1,3,4,5,6	Severe Weather	NA <input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High <input type="checkbox"/>	B6 Severe Weather: All JSAs
<input checked="" type="checkbox"/>	3,4,5,6	Walking/Working Surfaces	NA <input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High <input type="checkbox"/>	B7 Safe Walking Surfaces and Work Areas: JSA 1,3,4,7
<input checked="" type="checkbox"/>	4,5,6	Noise	NA <input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High <input type="checkbox"/>	B8 Noise: All JSA's
<input type="checkbox"/>	5,6	Live Electrical Equipment	NA <input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High <input type="checkbox"/>	B14 Live Electrical Equip: JSA 5,6,9
<input type="checkbox"/>	4,5	Poor Lighting	NA <input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High <input type="checkbox"/>	B7 Safe Walking Surfaces and Work Areas; JSA 1,3,4,7
<input checked="" type="checkbox"/>	4,5,6	Overhead Hazards	NA <input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High <input type="checkbox"/>	B15 Overhead Hazards: JSA 2,5,6
<input checked="" type="checkbox"/>	3,4,5,6	Traffic Management (Vehicle, pedestrian interference)	NA <input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High <input type="checkbox"/>	B17 Traffic Management: All JSA
<input checked="" type="checkbox"/>	5,6	Heavy machinery/drill rigs	NA <input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High <input type="checkbox"/>	B18 Heavy Machinery: JSA 4,5

Project: BASF Facility Cranston, RI Date (8/14)	DAILY SAFE WORK FORM	SES (Page 5 of 6)
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Tasks, Potential Hazards, and Recommended Actions or Procedures

Today's Activities (Check Each)	Task Number(s)	Hazards	Relative Hazard /Risk Rating*	Hazard Controls Mechanism and/or JSA (See HASP)
<input type="checkbox"/>	5,6	Trenching/Excavation	NA <input checked="" type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High <input type="checkbox"/>	B19 Trenching/Excavation: JSA 4,5,6,8
<input checked="" type="checkbox"/>	1,3,4,5,6	Vehicle use	NA <input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High <input type="checkbox"/>	B20 Vehicle Use: All JSA
<input type="checkbox"/>	2,3	Work near/on water	NA <input checked="" type="checkbox"/> Low <input type="checkbox"/> Medium <input type="checkbox"/> High <input type="checkbox"/>	B21 Work Near/On Water: JSA 1
<input type="checkbox"/>	4,5	Elevated heights (<4ft)	NA <input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High <input type="checkbox"/>	B22 Working from Heights (<4 feet)
<input type="checkbox"/>	4,5	Elevated heights (>4ft)	NA <input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High <input type="checkbox"/>	B23 Working from Heights (>4 feet)
<input type="checkbox"/>	5,6	Overhead/underground utilities	NA <input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High <input type="checkbox"/>	B24 Overhead/Underground Utilities: JSA 1,3,4
<input type="checkbox"/>	4,5,6	Powered hand tools	NA <input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High <input type="checkbox"/>	B25 Electrically Powered Equipment and Tools: JSA 9
<input type="checkbox"/>	4,5,6	Electrically powered equipment	NA <input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High <input type="checkbox"/>	B25 Electrically Powered Equipment and Tools: JSA 9
<input checked="" type="checkbox"/>	4,5,6	Cutting devices/tools	NA <input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High <input type="checkbox"/>	B26 Cutting Devices/Tools; JSA 9
<input type="checkbox"/>	4,5	Drums, cylinders, containers	NA <input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High <input type="checkbox"/>	B1 Chemical: JSA 4
<input type="checkbox"/>	3,4,5,6	Material handling, ergonomics	NA <input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High <input type="checkbox"/>	B29 Material Handling/Ergonomics: JSA 2,6,7,9
<input checked="" type="checkbox"/>	3,5,6	Poisonous/irritating plants	NA <input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High <input type="checkbox"/>	B32 Plants and Animals: All JSAs
<input checked="" type="checkbox"/>	4,5,6	Insects/rodents/snakes	NA <input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High <input type="checkbox"/>	B32 Plants and Animals; All JSAs
<input checked="" type="checkbox"/>	3,5,6	Ticks, mosquitos	NA <input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High <input type="checkbox"/>	B32 Poisonous Plants, Animals, and Insects; All JSA
<input type="checkbox"/>	1,3,4,5,6	Employees working early/late	NA <input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High <input type="checkbox"/>	B34 Personal Safety; All JSAs
<input type="checkbox"/>	Note: A single hazard may be listed under several Tasks. In this case, use the highest Severity ranking of the tasks evaluated as the overall ranking.			

Description of Any Additional Activities, And Associated Health and Safety Risks and Protective Procedures/Equipment:

SESC Plan Inspection Report

Project Information

Name	XXXXXXXXXX Former Ciba-Geigy Facility		
Location	180 Mill St, Cranston, RI (Plot 4, Lot 1102)		
DEM Permit No.	18-0048 / RIR101724		
Site Owner	Name Joseph Guarnaccia	Phone 973-245-5269	Email joseph.guarnaccia@basf.com
Site Operator	Name Tom Dykstra	Phone 774-276-1480	Email

Inspection Information


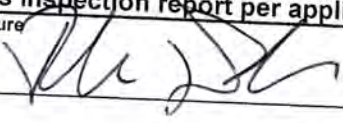
Inspector Name	Name Aaron C. Ting	Phone 978-577-7138	Email ating@aeiconsultants.com
Inspection Date	8/14/18		Start/End Time 0800-0830
Inspection Type	<input type="checkbox"/> Weekly <input type="checkbox"/> Pre-storm event <input type="checkbox"/> During storm event <input checked="" type="checkbox"/> Post-storm event <input type="checkbox"/> Other		

Weather Information

Last Rain Event	Date: 8/13/18	Duration (hrs): 8	Approximate Rainfall (in): 0.5
Rain Gauge Location & Source:	Onsite weather station		
Weather at time of this inspection:	Cloudy 74°		

Check statement that applies then sign and date below:

- ☐ I, as the designated Inspector, certify that this site has been inspected as required by regulation and I have determined that maintenance and corrective actions are not required at this time.
- ☒ I, as the designated Inspector, certify that this site has been inspected as required by regulation and I have made the determination that the site requires corrective actions. The required corrective actions are noted within this inspection report. Silt fence downed by small trees

Inspector:	Print Name Aaron C. Ting Joseph Guarnaccia	Signature 	Date 8/14/18
The Site Operator acknowledges by his/her signature, the receipt of this SESC Plan inspection report and its findings. He/she acknowledges that all recommended corrective actions must be completed and documentation of all such corrective actions must be made in this inspection report per applicable regulations.			
Operator:	Print Name Tom Dykstra	Signature 	Date 08/14/18

PROJECT: Cranston, RI

INSPECTION DATE: 8/14/18

Site-specific Control Measures

Number the structural and non-structural stormwater control measures identified in the SESC Plan and on the SESC Site Plans and list them below (add as necessary). Bring a copy of this inspection form and any applicable SESC Site Plans with you during your inspections. This list will assist you to inspect all control measures at your site.
FILL THIS TABLE USING THE SESC PLAN TABLES 2.11 & 3.12.

	Location/Station	Control Measure Description	Installed & Operating Properly?	Assoc. Photo/ Figure #	Corrective Action Needed (Yes or No; if 'Yes', please detail action required)
1	Construction Site exit incl. decon. pad	RIDOT Std Specs. R1 Soil erosion and sed. control book	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Photo N/A	Phase of project, no subsurface work or offsite transport
2	Project-wide including material stockpiles	Penmeter - compost filter socks (RIDOT 9.2.0) stockpiles - hay/bales RIDOT Std Spec - 206, 212 R1 SESC Handbook	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Photo Log	
3	Project-wide including material stockpiles	Water for dust control/cover stockpiles RIDOT Std Spec R1 SESC Handbook	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	N/A	As needed
4	Adjacent roads	Roads adjacent to construction site shall be clean at the end of each day	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	N/A	
5	Project-wide	Pickup construction trash/debris	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	N/A	
6	Project-wide	Spill prevention / Spill containment measures	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	N/A	
7			<input type="checkbox"/> Yes <input type="checkbox"/> No		
8			<input type="checkbox"/> Yes <input type="checkbox"/> No		

General Site Issues

Below are some general site issues that should be assessed during inspections. Please **customize** this list as needed for conditions at the site.

	Compliance Question		Assoc. Photo/ Figure #	Corrective Action Needed (If 'Yes', please detail action required and include location/station)
1	Have all control measures been installed as specified in the RISESC Handbook and prior to any earth disturbing activities?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	See photo log	Yes, see corrective action log SE site property boundary silt fence
2	Are appropriate limits of disturbance (LOD) established?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		
3	Are controls that limit runoff from exposed soils by diverting, retaining, or detaining flows (such as check dams, sediment basins, etc.) in place?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		
4	Are all temporary conveyance practices installed correctly and functioning as designed?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		
5	Has maintenance been performed as required to ensure continued proper function of all temporary conveyances practices?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		
6	Were all exposed soils seeded by October 15 th ?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		
7	Have soils been stabilized where earth disturbance activities have permanently or temporarily ceased on any portion of the site and will not resume for more than 14 days?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		
8	In instances where adequate vegetative stabilization was not established by November 15 th , have non-vegetative erosion control measures must be employed?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		
9	If work is to continue from October 15 th through April 15 th , are steps taken to ensure that only the day's work area will be exposed and all erodible soil is stabilized within 5 working days?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		
10	Have inlet protection measures (such as fabric drop inlet protection, curb drop inlet protection, etc.) been properly installed?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		
11	Has the operator cleaned and maintained inlet protection measures when needed?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		
12	Has the operator removed accumulated sediment adjacent to inlet protection measures within 24 hours of detection?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		

PROJECT: Cranston, RI

INSPECTION DATE: 8/14/18

	Compliance Question		Assoc. Photo/ Figure #	Corrective Action Needed (If 'Yes', please detail action required and include location/station)
13	Has the operator properly installed outlet protection (such as riprap, turf mats, etc.) at all temporary and permanent discharge points?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		
14	Are all outlet protection measures functioning properly in order to reduce discharge velocity, promote infiltration, and eliminate scour?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		
15	Have all discharge points been inspected to ensure the prevention of scouring and channel erosion?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		
16	Have sediment controls been installed along perimeter areas that will receive stormwater from earth disturbing activities?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	See photolog	
17	Is the operator maintaining sediment controls in accordance with the requirements in the RI SESC Handbook?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	see photolog	
18	Have temporary sediment barriers been installed around permanent infiltration areas (such as bioretention areas, infiltration basins, etc.)?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		
19	Have staging areas and equipment routing been implemented to avoid compaction where permanent infiltration areas will be located?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		
20	Are surface outlet structures (such as skimmers, siphons, etc.) installed for each temporary sediment basin? [Exception: frozen conditions]	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		
21	Have all temporary sediment basins or traps been inspected and maintained as required to ensure proper function?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		
22	Does the project include the use of polymers, flocculants, or other chemicals to control erosion, sedimentation, or runoff from the site?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		
23	Are all chemicals being managed in accordance with Appendix J of the RISESC Handbook and current best management practices?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		
24	Has the site operator taken steps to prohibit the following pollutant discharges on the site?			
a	Contaminated groundwater.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		

	Compliance Question		Assoc. Photo/ Figure #	Corrective Action Needed (If 'Yes', please detail action required and include location/station)
b	Wastewater from washout of concrete; unless properly contained, managed, and disposed of.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		
c	Wastewater from washout and cleanout of stucco, paint, form release oils, curing compounds, and other construction products.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		
d	Fuels, oils, or other pollutants used in vehicle and equipment operation and maintenance.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		
e	Soaps or solvents used in vehicle and equipment washing.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		
f	Toxic or hazardous substances from a spill or other release.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		
25	Is the operator using properly constructed entrances/exits to the site so sediment removal occurs prior to vehicles exiting?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		Phase of project
26	If needed, are additional controls (such as rumble strips, rattle plates, etc.) in place to remove sediment from tires prior to exiting?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		
27	Is sediment track-out being removed by the end of the same workday in which it occurs (via sweeping, shoveling, or vacuuming)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	See photo log	
28	Are all wastes generated at the site being managed and properly disposed of by the end of each workday?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		
29	Are all chemicals and hazardous waste materials stored properly in covered areas and surrounded by containment control systems?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		
30	Has the operator established highly visible locations for the storage of spill prevention and control equipment on the construction site?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		
31	Are allowable non-stormwater discharges being managed properly with adequate controls?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		
32	Is the site operator properly managing groundwater or stormwater that is removed from excavations, trenches, or similar points of accumulation?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		
33	Are proper procedures and controls in place for the storage of materials that may discharge pollutants if	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		

PROJECT: Cranston, RI

INSPECTION DATE: 8/14/18

Compliance Question		Assoc. Photo/ Figure #	Corrective Action Needed (If 'Yes', please detail action required and include location/station)
exposed to stormwater?			
Are stockpiles located within the limits of disturbance?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		
Are stockpiles being protected from contact with stormwater using a temporary sediment barrier?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		
Where needed, has cover or appropriate temporary vegetative or structural stabilization been utilized for stockpiles?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		
Is the operator effectively managing the generation of dust through the use of water, chemicals, or minimization of exposed soil?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		
Are designated washout areas (such as wheel washing stations, washout for concrete, paint, stucco, etc.) clearly marked on the site?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		
Are vehicle fueling and maintenance areas properly located to prevent pollutants from impacting stormwater and sensitive receptors?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		
(Other)			

PROJECT: Cranston, RI

INSPECTION DATE: 8/14/18

General Field Comments: N/A

PROJECT:

INSPECTION DATE:

Corrective Action Log

TO BE FILLED OUT BY SITE OPERATOR

Describe repair, replacement, and maintenance of control measures, actions taken, date completed, and note the person that completed the work.

[illegible]

Operator Signature:

Ph H

Date:

08/14/2018

Photos:

Photo #: 1



Station: Southern property boundary

Description: Compost filter sock installed along the southern property boundary.

Photo #: 2



Station: Northern Property Boundary

Description: Compost filter sock installed along northern property boundary.

Photo #: 3



Station: Northeast property boundary

Description: Staked silt fence installed along the northeastern to the southeastern property boundary; adjacent to riverway.

Photo #: 4



Station: Site

Temporary soil stockpile area.


<p>Photo #: 5</p> 	<p>Station: Site</p> <p>Silt fence requiring repair on the northeastern property boundary. See corrective action log for immediate.</p>
<p>Photo #: 6</p> 	<p>Station: Site</p> <p>SES cleaned roadway (sweeping) to remove tracked dirt from personal vehicles entering and exiting site through soil on top of asphalt.</p>

Tuesday
08/14/2018

BASF
180 Mill Street, Lot 1102
Cranston, RI

Date	Name	Company Name	Time In	Time out
8/14/18	Charles McCarthy	SES	6:30	15:30
8/14/18	MIKE JAMROS	SES	6:30	15:30
8/14/18	John Sepia	SES	6:30	15:30
8/14/18	Ryan Gadowski	SES	6:30	15:30
08/14/18	Tom Dylstra	SES	6:30	15:30
08/14/18	Joseph Diebaum	AEI	6:50	14:50
08/14/18	Aaron Ting	AEI	06:30	15:30
08/14/18	Scott Lajoie	SES	07:15	15:30
08/14/18	RYAN DOUGHERTY	SES	06:30	15:30
8/14/18	Rick Kowalski	AEI	10:45	14:50
8/14/18	Dan Regan	AEI NEG	11:00	12:00

AEI
Consultants

Submitted By: Aaron C. Ting
Signature: 
Date: 8/15/2018

Daily
Precipitation: 0" Temp: 88-73
(Hi - low)

PERSONNEL/EQUIPMENT		(Hi - low)	
Contractor	No.		Owner/Representative: N/A
	1 Superintendent	SES	
	1 Foremen	SES	
	H&S/QA Officer		
	2 Operators	SES	AEI Personnel: Aaron Ting 1
	3 Laborers	SES	Joe Drebaum 1
	Other Trades (Delivery)		Rick Kowalski 1
SubContractor	No. Company/Firm		Visitors On Site: N/A
	109 Total Personnel On Site		

EQUIPMENT/MATERIALS RECEIVED:

WORK COMPLETED:

- 321, 322, 323, 324; an 8' x 10' concrete slab was encountered and could not be excavated through;
- 301, 302, 303, 304;
- 486, 487, 488, 489; encountered concrete slab 6" below grade, could not excavate through;
- 305, 306, 307, 308;
- 344, 345, 346, 347.

AEI setup and calibrated the perimeter air monitoring equipment. No actionable emissions or other exceedances of the dust action limits were observed or noted at the perimeter monitors. AEI collected Dextil and soil samples for PCBs from the excavations. See sample tracking spreadsheet. Some post excavation samples were identified above the cleanup level of 25 ppm PCBs.

AEI Signature _____

ISSUES/CHANGES/RESOLUTIONS:

DISCUSSIONS/CLIENT DIRECTION:

N/A



DAILY WORKSHEET

Date: 08/15/18

Project Number: 18-0315

WEDNESDAY

CLIENT / SITE INFORMATION

Name: (BASF)

Address: 180 MILL ST.

CRANSTON, RI

Contact: AARON (AED)

PROJECTS NOTES HTS MEETING / SET UP TO BEGIN SOIL EXCAVATIONS OF 2A SOILS / CONCRETE PAD EXPOSED ON (3) EXCAVATIONS / COMPLETED (4) EXCAVATIONS OUTLINED ON EXC. MATERIALS MANAGEMENT SHEET / STAKE 321-324 HIT POST EXCAVATION @ 170PPM / SOIL OF ALL EXCAVATED MATERIAL HAD ALREADY BEEN STOCKPILED IN LOT 1102 / REMOVED REMAINING FENCING ON SOUTHSIDE OF PROPERTY NEAR MILL ST.

LABOR

Name	Position	Travel	On-site	Off-Site	Travel
TOM DYKSTRA	SUP		0630	1500	
RYAN DOUGHERTY	SUP			1600	
CHARLIE MCCARTHY	PT			1500	
MIKE JAMROS	PT				
RYAN GADOURT	PT				
JOHN SZPILA	OP				
JOHN CORTI	OP				

MATERIALS / EQUIPMENT / TOOLS

Quantity	Item / Description
	PPE Level: A B C (D)
1	SERVICE VEH.
1	SITE TRAILER / RESTROOM
1	GENERATOR
2	EXCAVATORS (321C / 315C)
1	SKID STEER (289D)
1	POWER TOOLS (SAWZALLS)
1	ROLL OFF CAN (NEB) (METAL)
1	LOADER (966H)
SEA.	50' FIRE HOSE W/ NOZZLE (+ METER)
14	CHICK BOOTS / TRUCK BOOTS.
1	HYDRATION / ICE
1 BOX	NITRIL GLOVES
2	WHITE TUEXES.
1	ROLL 6 MILL POLY
50'	ORANGE TEMP FENCE. W/ STAKES.

SUBCONTRACTORS

LOADER DELIVERED - TRAILVIEW

WEATHER OBSERVATIONS

Cloudy

Project Manager's Signature: _____

Client's Signature: _____

[illegible]

Project:
BASF Facility
Cranston, RI
Date (8/15/18)

DAILY SAFE WORK FORM

SES
 (Page 2 of 6)

Type of Equipment/Vehicles/Motorized Equipment

<input checked="" type="checkbox"/> Field Service Trailer	<input type="checkbox"/> Roll-off Tractor Truck
<input checked="" type="checkbox"/> Excavators	<input checked="" type="checkbox"/> Roll-off containers
<input checked="" type="checkbox"/> Loader	<input type="checkbox"/> Dump Truck/Triaxle
<input type="checkbox"/> Track Dozer	<input type="checkbox"/> Dump Trailers
<input checked="" type="checkbox"/> Skid Steer Loader	<input checked="" type="checkbox"/> Pickup Utility Trucks
<input type="checkbox"/> Frac Tank	<input type="checkbox"/> Sump Pump
<input checked="" type="checkbox"/> Generator	<input type="checkbox"/> Trench Box
<input type="checkbox"/> Water Buffalo	<input type="checkbox"/> NaOH Storage Tank
<input checked="" type="checkbox"/> Sawzail	<input type="checkbox"/> Other (list)

This work also requires the use of the permits or documents checked below

<input checked="" type="checkbox"/> PROJECT-SPECIFIC HASP
<input type="checkbox"/> LOCK-OUT, TAG-OUT PERMIT
<input checked="" type="checkbox"/> PRE-TASK PLANNING FORM
<input type="checkbox"/> CONFINED SPACE ENTRY PERMIT
<input type="checkbox"/> OTHERS (LIST)

Anticipated Project Risks and Hazards Identification Identify the source/s used and include necessary specific information (See Daily Pre-Task Plan for day-specific information)

Used	N/A	Source	Specific Risk or Hazard that needs to be addressed
X		Pre-work Inspection of the work site	See SES HASP
X		MSDS review / includes any 'new' chemicals	MSDS Sheets Provided in HASP
	X	Crane Operations	
	X	Elevated Work	
X		Environmental Conditions	See SES HASP
X		Heavy Powered Mobile Equipment Use	Excavators to load soil into trucks, truck traffic
	X	Language / Communication Difficulties	
X		Materials to be used	See Pre-Task Plan
	X	Overhead Work / Rigging	
	X	Special Equipment to be used	
X		Trenching / Excavation	See SES HASP
	X	Utilities System tie-in / restrictions	
X		Other Risks or Hazards	PCB/VOC-contaminated soils; Sodium Persulfate

Anticipated Project Required Precautions & Protective Measures Be sure that each identified Risk or Hazard is addressed (See Daily Pre-Task Plan for day-specific information)

Need	N/A	Area	Specific measures that are required
X		Access & Egress Plans (People & Equipment)	To be developed on site with SES work crew
	X	Barricades needed	
	X	BASF equipment / materials to be used	
	X	Electrical safety equipment required	
	X	Elevator use	
X		Emergency Equipment	See SES HASP
X		Emergency Plans / Emergency Responder	See SES HASP
	X	Fall protection	
X		First Aid / Medical Treatment provisions	See SES HASP
	X	HOT WORK Procedure requirements	
	X	HVAC System requirements	
	X	LINE-BREAKING procedure requirements	
	X	Scaffolds / decking	
X		Temporary electrical power	See SES HASP
	X	Temporary Utilities services	
X		Trench / Excavation Boxes	See SES HASP

Project: BASF Facility Cranston, RI Date (8/15/19)	<h2 style="margin: 0;">DAILY SAFE WORK FORM</h2>	SES (Page <u>3</u> of <u>6</u>)
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Other Requirements	
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Required Personal Protective Equipment (PPE) Identify the source/s used and check the appropriate boxes											
		<input type="checkbox"/> PPE GRID		<input checked="" type="checkbox"/> MSDS		<input type="checkbox"/> BASF Knowledge		<input type="checkbox"/> Work Provider Knowledge		<input type="checkbox"/> Prior SWP	
YES	NO	ITEM				YES	NO	Item			
X		Hardhat (either) <input type="checkbox"/> Fiberglass <input checked="" type="checkbox"/> Plastic					X	Rain Suit <input type="checkbox"/> Jacket <input type="checkbox"/> Pants			
X		Safety Glasses, ANZI-rated, side shields					X	Chemical Suit <input type="checkbox"/> Jacket <input type="checkbox"/> Pants			
	X	Goggles <input type="checkbox"/> Chemical <input type="checkbox"/> Dust					X	Personal Fall Protection Equipment			
	X	Faceshield				X		Gloves <input checked="" type="checkbox"/> Chemical <input type="checkbox"/> Work			
X		Hearing Protection <input checked="" type="checkbox"/> Plugs <input type="checkbox"/> Muffs				X		Long sleeve shirt and steel toed boots with steel shank			
	X	Respirator <input type="checkbox"/> Half-mask <input type="checkbox"/> Full-face				X		Boots <input type="checkbox"/> Rubber <input checked="" type="checkbox"/> Other			
	X	Dust Mask					X	Welding Protection			
	X	Fire Retardant Electrical Clothing					X	Retrieval System for Confined Spaces			
X		Eyewash Station				X		Mobile phone or radios			
X		Tyvek Suits				X		Insect repellent, sunscreen			
		Other PPE (list)				X		High-visibility, reflective vest			

Training Requirements		
Need	N/A	Area
X	X	BASF Safety Orientation (if required)
X		MSDS Reviews
X		Review of precautions listed above per SES HASP
X		Review of required PPE
		Other training (specify) –

Project: BASF Facility Cranston, RI Date (8/15/18)	DAILY SAFE WORK FORM	SES (Page 4 of 6)
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STRATEGIC ENVIRONMENTAL SERVICES PRE-TASK PLAN (PTP)	PROJECT / JOB / TASK (Description): BASF Cranston/CMI Implementation SES SUPERVISOR: <i>TOM DYKSTRA / RYAN DOUGHERTY</i>	LOCATION: 180 Mill Street, Cranston, RI	DATE <i>8/15/18</i>
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Note: SES Daily Report Forms are completed daily (see attached), documenting work progress, equipment, personnel, weather, issues encountered and resolution, health and safety actions/issues, changes in work conditions, client interface.

Task List (Check off AND Circle today's activities)	
<input type="checkbox"/>	Task 1 - Permitting
<input checked="" type="checkbox"/>	Task 2 – Mobilization/Site Prep/Road & Decontamination Road Installation/Erosion Controls
<input checked="" type="checkbox"/>	Task 3 – Excavation/Decontamination/Soil Stock Piling/Loading/ISCO/Dewatering/Liquid Management
<input type="checkbox"/>	Task 4 – Transportation and Disposal of Contaminated Material
<input type="checkbox"/>	Task 5 – Backfilling and Grading/Geotextile and Vegetation Placement
<input type="checkbox"/>	Task 6 - Demobilization

Tasks, Potential Hazards, and Recommended Actions or Procedures				
Today's Activities (Check Each)	Task Number(s)	Hazards	Relative Hazard /Risk Rating*	Hazard Controls Mechanism and/or JSA (See HASP)
<input checked="" type="checkbox"/>	3	Chemical Hazards	NA <input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High <input type="checkbox"/>	B1 Chemical: JSA 10
<input checked="" type="checkbox"/>	3,4,5	Dust/Fumes/Particulates	NA <input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High <input type="checkbox"/>	B2 Dust: JSAs 1,2,4,5,6
<input checked="" type="checkbox"/>	3,4,5,6	Job Zone Control	NA <input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High <input type="checkbox"/>	B3 Job Zone Control; All JSAs
<input checked="" type="checkbox"/>	3,4,5,6	Heat	NA <input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High <input type="checkbox"/>	B4 Heat: All JSAs
<input type="checkbox"/>	3,4,5,6	Cold	NA <input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High <input type="checkbox"/>	B5 Cold; All JSAs
<input type="checkbox"/>	1,3,4,5,6	Severe Weather	NA <input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High <input type="checkbox"/>	B6 Severe Weather: All JSAs
<input checked="" type="checkbox"/>	3,4,5,6	Walking/Working Surfaces	NA <input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High <input type="checkbox"/>	B7 Safe Walking Surfaces and Work Areas: JSA 1,3,4,7
<input checked="" type="checkbox"/>	4,5,6	Noise	NA <input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High <input type="checkbox"/>	B8 Noise: All JSA's
<input type="checkbox"/>	5,6	Live Electrical Equipment	NA <input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High <input type="checkbox"/>	B14 Live Electrical Equip: JSA 5,6,9
<input type="checkbox"/>	4,5	Poor Lighting	NA <input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High <input type="checkbox"/>	B7 Safe Walking Surfaces and Work Areas; JSA 1,3,4,7
<input checked="" type="checkbox"/>	4,5,6	Overhead Hazards	NA <input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High <input type="checkbox"/>	B15 Overhead Hazards: JSA 2,5,6
<input checked="" type="checkbox"/>	3,4,5,6	Traffic Management (Vehicle, pedestrian interference)	NA <input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High <input type="checkbox"/>	B17 Traffic Management: All JSA
<input checked="" type="checkbox"/>	5,6	Heavy machinery/drill rigs	NA <input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High <input type="checkbox"/>	B18 Heavy Machinery: JSA 4,5

Project: BASF Facility Cranston, RI Date ()	<h2 style="margin: 0;">DAILY SAFE WORK FORM</h2>	SES (Page <u>5</u> of <u>6</u>)
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Tasks, Potential Hazards, and Recommended Actions or Procedures				
Today's Activities (Check Each)	Task Number(s)	Hazards	Relative Hazard /Risk Rating*	Hazard Controls Mechanism and/or JSA (See HASP)
<input checked="" type="checkbox"/>	5,6	Trenching/Excavation	NA <input checked="" type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High <input type="checkbox"/>	B19 Trenching/Excavation: JSA 4,5,6,8
<input checked="" type="checkbox"/>	1,3,4,5,6	Vehicle use	NA <input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High <input type="checkbox"/>	B20 Vehicle Use: All JSA
<input type="checkbox"/>	2,3	Work near/on water	NA <input checked="" type="checkbox"/> Low <input type="checkbox"/> Medium <input type="checkbox"/> High <input type="checkbox"/>	B21 Work Near/On Water: JSA 1
<input type="checkbox"/>	4,5	Elevated heights (<4ft)	NA <input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High <input type="checkbox"/>	B22 Working from Heights (<4 feet)
<input type="checkbox"/>	4,5	Elevated heights (>4ft)	NA <input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High <input type="checkbox"/>	B23 Working from Heights (>4 feet)
<input checked="" type="checkbox"/>	5,6	Overhead/underground utilities	NA <input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High <input type="checkbox"/>	B24 Overhead/Underground Utilities: JSA 1,3,4
<input checked="" type="checkbox"/>	4,5,6	Powered hand tools	NA <input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High <input type="checkbox"/>	B25 Electrically Powered Equipment and Tools: JSA 9
<input checked="" type="checkbox"/>	4,5,6	Electrically powered equipment	NA <input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High <input type="checkbox"/>	B25 Electrically Powered Equipment and Tools: JSA 9
<input checked="" type="checkbox"/>	4,5,6	Cutting devices/tools	NA <input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High <input type="checkbox"/>	B26 Cutting Devices/Tools; JSA 9
<input type="checkbox"/>	4,5	Drums, cylinders, containers	NA <input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High <input type="checkbox"/>	B1 Chemical: JSA 4
<input type="checkbox"/>	3,4,5,6	Material handling, ergonomics	NA <input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High <input type="checkbox"/>	B29 Material Handling/Ergonomics: JSA 2,6,7,9
<input checked="" type="checkbox"/>	3,5,6	Poisonous/irritating plants	NA <input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High <input type="checkbox"/>	B32 Plants and Animals: All JSAs
<input checked="" type="checkbox"/>	4,5,6	Insects/rodents/snakes	NA <input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High <input type="checkbox"/>	B32 Plants and Animals; All JSAs
<input checked="" type="checkbox"/>	3,5,6	Ticks, mosquitos	NA <input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High <input type="checkbox"/>	B32 Poisonous Plants, Animals, and Insects; All JSA
<input type="checkbox"/>	1,3,4,5,6	Employees working early/late	NA <input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High <input type="checkbox"/>	B34 Personal Safety; All JSAs
<input type="checkbox"/>	Note: A single hazard may be listed under several Tasks. In this case, use the highest Severity ranking of the tasks evaluated as the overall ranking.			

Description of Any Additional Activities, And Associated Health and Safety Risks and Protective Procedures/Equipment:

BASF
180 Mill Street, Lot 1102
Cranston, RI

Date	Name	Company Name	Time In	Time out
8/15/18	John Sepila	SES	6:30	15:00
08/15/18	Tom Dykes	SES	0630	1500
8/15/18	Joseph Brebaum	AEI	06:30	15:50
8/15/18	Mike Jamras	SES	06:30	1500
8/15/18	JOHN CORTI	SES	6:30	1500
8/15/18	Ryan Gachoun	SES	6:30	15:00
8/15/18	Charles McCarthy	SES	6:30	15:00
8/15/18	Aaron Ting	AEI	0630	1550 1550
8/15/18	RYAN DOUGHERTY	SES	0630	15:00
8/15/18	Rick Kowalski	AEI	10:00	15:10

DAILY PROJECT REPORT

Project: BASF, Lot 1102
180 Mill Street
Cranston, RI

Submitted By: Aaron C. Ting

Signature: 

Date: 8/16/2018

AEI
Consultants

Weather: Cloudy

Daily

Precipitation: 0"

Temp: 88-73

(Hi - low)

PERSONNEL/EQUIPMENT

Contractor		No.		Owner/Representative: N/A
	3	Superintendent	SES	
	1	Foremen	SES	
		H&S/QA Officer		
	2	Operators	SES	AEI Personnel: Aaron Ting 1
	3	Laborers	SES	Joe Drebaum 1
		Other Trades (Delivery)		Rick Kowalski 1
				Steve Graham 1
				Josh Klement 1
SubContractor		No.	Company/Firm	Visitors On Site: N/A
	2	New England Geotech (Hayes, Joe)		
	1	GPRS (Jason)		
	2	All Island Landscaping (Bryan, John)		
	19	Total Personnel On Site		

MAJOR EQUIPMENT:

EQUIPMENT/MATERIALS RECEIVED:

1 support truck, Bobcat 289D skid steer, CAT 321C/315C excavators	20-mil HDPE and haybales
CAT 996H Loader, 20-yard recycling container	20-yards 1.5-inch crushed stone
	straw wattles

WORK COMPLETED:

SES continued excavation of soil containing <25 ppm PCBs using CAT 321C. Excavations completed today included staked locations:

- 344, 345, 346, 347;
- 464, 465, 466, 467.

AEI/SES regrouped to discuss excavation of >50 ppm soils. Decontamination pads were installed on Lots 1102 and 2682 to allow for transport of soils to Lot 2682 temporary stockpiles area. Decontamination pads were constructed using 40-mil rubber, straw wattles and 1.5-inch crushed stone. SES needed truck to transport soils. Getting for tomorrow. Set up temporary stockpile area on Lot 1102 using 20-mil HDPE and haybales.

>50 ppm excavations completed today using CAT 321C include staked locations:

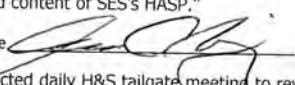
- 317, 318, 319, 320; encountered an approximate 10' by 25' concrete slab in excavation that could not be advanced through.

Setup orange snow fence around deeper excavations, 3' or greater, for safety. Covered all stockpiles with poly and surrounded by haybales.

NE Geotech onsite to advance borings for wedge sampling, characterization.
AEI setup and calibrated the perimeter air monitoring equipment. No actionable emissions or other exceedances of the dust action limits were observed or noted at the perimeter monitors. AEI collected Dextil and soil samples for PCBs from the excavations. See sample tracking spreadsheet. Some post excavation samples were identified above the cleanup level of 25 ppm PCBs.

HEALTH & SAFETY:

AEI has reviewed SES's Safe Work Form/Pre-Task Plan for today, and verifies, by signing below, that these documents comply with the procedures and content of SES's HASP."

AEI Signature 

SES/AEI conducted daily H&S tailgate meeting to review work scope and safety precautions/JSA's associated with safe work practices. See SES SWP/PTP for topics discussed and issues raised. NEG driller cut hand when opening sample sleeves. Stressed use of cut resistant gloves and proper knife handling. AEI personnel received tick bite. Saved tick and had personnel go to urgent care for further assessment.

ISSUES/CHANGES/RESOLUTIONS:

Discussed with R. Kowalski excavation of areas in 1-foot excavations where post excavation samples are above cleanup level of 25 ppm PCBs. Need to collect sidewall sample if excavation depth exceeds a total of 2-feet.

DISCUSSIONS/CLIENT DIRECTION:

N/A



DAILY WORKSHEET

Date: <u>8/16/18</u>						Project Number: <u>18-0315</u>	
THURS.							
CLIENT / SITE INFORMATION							
Name: <u>BASF</u>							
Address: <u>180 MILL ST.</u>							
<u>CRANSTON, RI</u>							
Contact: <u>ARON (AEE)</u>							
PROJECTS NOTES							
<u>HHS MEETING / REVIEW SOP w/ AEE - PLAN IS TO SEPERATE PILES IN CONTAINMENT STOCKPILE OF EACH STAKED QA EXCAVATION. EXCAVATIONS 344-347 + 364-367 COMPLETED + SEPERATED. SOW CHANGED TO REMOVING AS MUCH QB SOIL INTO SEPERATE STOCKPILE IN LOT 1102. BUILT CONTAINMENT AREA FOR TSCA SOILS IN LOT 1102 BEYOND FLOOD PLAIN. BUILT OUT WASH PADS FOR BOTH LOTS 1102 + 2682. SET UP ROAD PLATES IN STOCKPILE AREA OF 2682. BEGAN EXCAVATING QB SOILS AT STAKES 317-320. + STOCKPILED SOIL QUANTITIES LOCATED ON THE EXC. MATERIALS MANAGEMENT SHEET. / CM DOCUMENTING SCALE ENDS FROM LOADER BUCKET.</u>							
LABOR						MATERIALS / EQUIPMENT / TOOLS	
Name	Position	Travel	On-site	Off-Site	Travel	Quantity	Item / Description
RYAN DOUGHERTY	SOP		1630	1630			PPE Level: A B C <u>D-mod.</u>
CHARLIE MCCARTHY	FT		1	1500		2	SERVICE VEH.
RYAN GADOURY	FT		1	1430		1	SITE TRAILER / RESTROOM
STEPHANIE HALL	FT		1	1500		1	GENERATOR
JOHN SZPILA	OP		1	1500		2	EXCAVATORS (321C / 315C)
JOHN CORTI	OP		1	1500		1	SKID STEER (289D)
						1	LOADER (966H)
						500	FIRE HOSE w/ NOZZLE (+ METER)
SUBCONTRACTORS						1 ROLL	6 MIL POLY
DELIVERIES - AH HARRIS - POLY / WADDLES						1 ROLL	10 MIL POLY
MATERIALS + S - 1.5 STONE (23T)						1 ROLL	RUBBER MEMBRANE
COLONY - FIRE HOSE						4	9" STRAW WADDLES (AH HARRIS)
ARAMSCO - BOOTS / PPE						23 TON	1.5 STONE (MATERIAL SAND + STONE)
						3	8X10 ROAD PLATES (MABET)
						12	CHIK BOOTS / TYNEK BOOTIES.
						1	HYDRATION / WATER + ICE
WEATHER OBSERVATIONS						Project Manager's Signature: _____	
<u>SUNNY (HOT) 90°s</u>						Client's Signature: _____	

[illegible]

Project: BASF Facility Cranston, RI Date (8/16)	DAILY SAFE WORK FORM	SES (Page 2 of 6)
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Type of Equipment/Vehicles/Motorized Equipment			
<input checked="" type="checkbox"/>	Field Service Trailer	<input type="checkbox"/>	Roll-off Tractor Truck
<input checked="" type="checkbox"/>	Excavators	<input type="checkbox"/>	Roll-off containers
<input checked="" type="checkbox"/>	Loader	<input type="checkbox"/>	Dump Truck/Triaxle
<input type="checkbox"/>	Track Dozer	<input type="checkbox"/>	Dump Trailers
<input checked="" type="checkbox"/>	Skid Steer Loader	<input checked="" type="checkbox"/>	Pickup Utility Trucks
<input type="checkbox"/>	Frac Tank	<input type="checkbox"/>	Sump Pump
<input checked="" type="checkbox"/>	Generator	<input type="checkbox"/>	Trench Box
<input type="checkbox"/>	Water Buffalo	<input type="checkbox"/>	NaOH Storage Tank
<input type="checkbox"/>	Sawzail	<input type="checkbox"/>	Other (list)

This work also requires the use of the permits or documents checked below	
<input checked="" type="checkbox"/>	PROJECT-SPECIFIC HASP
<input type="checkbox"/>	LOCK-OUT, TAG-OUT PERMIT
<input checked="" type="checkbox"/>	PRE-TASK PLANNING FORM
<input type="checkbox"/>	CONFINED SPACE ENTRY PERMIT
<input type="checkbox"/>	OTHERS (LIST)

Anticipated Project Risks and Hazards Identification Identify the source/s used and include necessary specific information (See Daily Pre-Task Plan for day-specific information)			
Used	N/A	Source	Specific Risk or Hazard that needs to be addressed
X		Pre-work Inspection of the work site	See SES HASP
X		MSDS review / includes any 'new' chemicals	MSDS Sheets Provided in HASP
	X	Crane Operations	
	X	Elevated Work	
X		Environmental Conditions	See SES HASP
X		Heavy Powered Mobile Equipment Use	Excavators to load soil into trucks, truck traffic
	X	Language / Communication Difficulties	
X		Materials to be used	See Pre-Task Plan
	X	Overhead Work / Rigging	
	X	Special Equipment to be used	
X		Trenching / Excavation	See SES HASP
	X	Utilities System tie-in / restrictions	
X		Other Risks or Hazards	PCB/VOC-contaminated soils; Sodium Persulfate

Anticipated Project Required Precautions & Protective Measures Be sure that each identified Risk or Hazard is addressed (See Daily Pre-Task Plan for day-specific information)			
Need	N/A	Area	Specific measures that are required
X		Access & Egress Plans (People & Equipment)	To be developed on site with SES work crew
	X	Barricades needed	
	X	BASF equipment / materials to be used	
	X	Electrical safety equipment required	
	X	Elevator use	
X		Emergency Equipment	See SES HASP
X		Emergency Plans / Emergency Responder	See SES HASP
	X	Fall protection	
X		First Aid / Medical Treatment provisions	See SES HASP
	X	HOT WORK Procedure requirements	
	X	HVAC System requirements	
	X	LINE-BREAKING procedure requirements	
	X	Scaffolds / decking	
X		Temporary electrical power	See SES HASP
	X	Temporary Utilities services	
X		Trench / Excavation Boxes	See SES HASP

Project: BASF Facility Cranston, RI Date (8/16)	DAILY SAFE WORK FORM	SES (Page 3 of 6)
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	Other Requirements
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Required Personal Protective Equipment (PPE) Identify the source/s used and check the appropriate boxes									
<input type="checkbox"/> PPE GRID		<input checked="" type="checkbox"/> MSDS		<input type="checkbox"/> BASF Knowledge		<input type="checkbox"/> Work Provider Knowledge		<input type="checkbox"/> Prior SWP	
YES	NO	ITEM				YES	NO	Item	
X		Hardhat (either) <input type="checkbox"/> Fiberglass <input checked="" type="checkbox"/> Plastic					X	Rain Suit	<input type="checkbox"/> Jacket <input type="checkbox"/> Pants
X		Safety Glasses, ANZI-rated, side shields					X	Chemical Suit	<input type="checkbox"/> Jacket <input type="checkbox"/> Pants
	X	Goggles <input type="checkbox"/> Chemical <input type="checkbox"/> Dust					X	Personal Fall Protection Equipment	
	X	Faceshield				X		Gloves	<input checked="" type="checkbox"/> Chemical <input type="checkbox"/> Work
X		Hearing Protection <input checked="" type="checkbox"/> Plugs <input type="checkbox"/> Muffs				X		Long sleeve shirt and steel toed boots with steel shank	
	X	Respirator <input type="checkbox"/> Half-mask <input type="checkbox"/> Full-face				X		Boots	<input type="checkbox"/> Rubber <input checked="" type="checkbox"/> Other
	X	Dust Mask					X	Welding Protection	
	X	Fire Retardant Electrical Clothing					X	Retrieval System for Confined Spaces	
X		Eyewash Station				X		Mobile phone or radios	
X		Tyvek Suits				X		Insect repellent, sunscreen	
		Other PPE (list)				X		High-visibility, reflective vest	

Training Requirements		
Need	N/A	Area
X	X	BASF Safety Orientation (if required)
X		MSDS Reviews
X		Review of precautions listed above per SES HASP
X		Review of required PPE
		Other training (specify) –

Project: BASF Facility Cranston, RI Date (8/16)	DAILY SAFE WORK FORM	SES (Page 4 of 6)
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STRATEGIC ENVIRONMENTAL SERVICES PRE-TASK PLAN (PTP)	PROJECT / JOB / TASK (Description): BASF Cranston/CMI Implementation SES SUPERVISOR: <div style="text-align: center;">RYAN DOUGHERTY</div>	LOCATION: 180 Mill Street, Cranston, RI	DATE <div style="text-align: center;">8/16</div>
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Note: SES Daily Report Forms are completed daily (see attached), documenting work progress, equipment, personnel, weather, issues encountered and resolution, health and safety actions/issues, changes in work conditions, client interface.

Task List (Check off AND Circle today's activities)	
<input type="checkbox"/>	Task 1 - Permitting
<input checked="" type="checkbox"/>	Task 2 – Mobilization/Site Prep/Road & Decontamination Road Installation/Erosion Controls
<input checked="" type="checkbox"/>	Task 3 – Excavation/Decontamination/Soil Stock Piling/Loading/ISCO/Dewatering/Liquid Management
<input type="checkbox"/>	Task 4 – Transportation and Disposal of Contaminated Material
<input type="checkbox"/>	Task 5 – Backfilling and Grading/Geotextile and Vegetation Placement
<input type="checkbox"/>	Task 6 - Demobilization

Tasks, Potential Hazards, and Recommended Actions or Procedures				
Today's Activities (Check Each)	Task Number(s)	Hazards	Relative Hazard /Risk Rating*	Hazard Controls Mechanism and/or JSA (See HASP)
<input checked="" type="checkbox"/>	3	Chemical Hazards	NA <input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High <input type="checkbox"/>	B1 Chemical: JSA 10
<input checked="" type="checkbox"/>	3,4,5	Dust/Fumes/Particulates	NA <input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High <input type="checkbox"/>	B2 Dust: JSAs 1,2,4,5,6
<input checked="" type="checkbox"/>	3,4,5,6	Job Zone Control	NA <input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High <input type="checkbox"/>	B3 Job Zone Control; All JSAs
<input checked="" type="checkbox"/>	3,4,5,6	Heat	NA <input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High <input type="checkbox"/>	B4 Heat: All JSAs
<input type="checkbox"/>	3,4,5,6	Cold	NA <input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High <input type="checkbox"/>	B5 Cold; All JSAs
<input type="checkbox"/>	1,3,4,5,6	Severe Weather	NA <input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High <input type="checkbox"/>	B6 Severe Weather: All JSAs
<input checked="" type="checkbox"/>	3,4,5,6	Walking/Working Surfaces	NA <input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High <input type="checkbox"/>	B7 Safe Walking Surfaces and Work Areas: JSA 1,3,4,7
<input checked="" type="checkbox"/>	4,5,6	Noise	NA <input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High <input type="checkbox"/>	B8 Noise: All JSA's
<input type="checkbox"/>	5,6	Live Electrical Equipment	NA <input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High <input type="checkbox"/>	B14 Live Electrical Equip: JSA 5,6,9
<input type="checkbox"/>	4,5	Poor Lighting	NA <input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High <input type="checkbox"/>	B7 Safe Walking Surfaces and Work Areas; JSA 1,3,4,7
<input checked="" type="checkbox"/>	4,5,6	Overhead Hazards	NA <input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High <input type="checkbox"/>	B15 Overhead Hazards: JSA 2,5,6
<input checked="" type="checkbox"/>	3,4,5,6	Traffic Management (Vehicle, pedestrian interference)	NA <input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High <input type="checkbox"/>	B17 Traffic Management: All JSA
<input checked="" type="checkbox"/>	5,6	Heavy machinery/drill rigs	NA <input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High <input type="checkbox"/>	B18 Heavy Machinery: JSA 4,5

Project: BASF Facility Cranston, RI Date (8/16)	DAILY SAFE WORK FORM	SES (Page 5 of 6)
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Tasks, Potential Hazards, and Recommended Actions or Procedures				
Today's Activities (Check Each)	Task Number(s)	Hazards	Relative Hazard /Risk Rating*	Hazard Controls Mechanism and/or JSA (See HASP)
<input checked="" type="checkbox"/>	5,6	Trenching/Excavation	NA <input checked="" type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High <input type="checkbox"/>	B19 Trenching/Excavation: JSA 4,5,6,8
<input checked="" type="checkbox"/>	1,3,4,5,6	Vehicle use	NA <input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High <input type="checkbox"/>	B20 Vehicle Use: All JSA
<input type="checkbox"/>	2,3	Work near/on water	NA <input checked="" type="checkbox"/> Low <input type="checkbox"/> Medium <input type="checkbox"/> High <input type="checkbox"/>	B21 Work Near/On Water: JSA 1
<input type="checkbox"/>	4,5	Elevated heights (<4ft)	NA <input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High <input type="checkbox"/>	B22 Working from Heights (<4 feet)
<input type="checkbox"/>	4,5	Elevated heights (>4ft)	NA <input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High <input type="checkbox"/>	B23 Working from Heights (>4 feet)
<input checked="" type="checkbox"/>	5,6	Overhead/underground utilities	NA <input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High <input type="checkbox"/>	B24 Overhead/Underground Utilities: JSA 1,3,4
<input type="checkbox"/>	4,5,6	Powered hand tools	NA <input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High <input type="checkbox"/>	B25 Electrically Powered Equipment and Tools: JSA 9
<input type="checkbox"/>	4,5,6	Electrically powered equipment	NA <input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High <input type="checkbox"/>	B25 Electrically Powered Equipment and Tools: JSA 9
<input type="checkbox"/>	4,5,6	Cutting devices/tools	NA <input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High <input type="checkbox"/>	B26 Cutting Devices/Tools; JSA 9
<input type="checkbox"/>	4,5	Drums, cylinders, containers	NA <input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High <input type="checkbox"/>	B1 Chemical: JSA 4
<input checked="" type="checkbox"/>	3,4,5,6	Material handling, ergonomics	NA <input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High <input type="checkbox"/>	B29 Material Handling/Ergonomics: JSA 2,6,7,9
<input checked="" type="checkbox"/>	3,5,6	Poisonous/irritating plants	NA <input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High <input type="checkbox"/>	B32 Plants and Animals: All JSAs
<input checked="" type="checkbox"/>	4,5,6	Insects/rodents/snakes	NA <input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High <input type="checkbox"/>	B32 Plants and Animals; All JSAs
<input checked="" type="checkbox"/>	3,5,6	Ticks, mosquitos	NA <input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High <input type="checkbox"/>	B32 Poisonous Plants, Animals, and Insects; All JSA
<input type="checkbox"/>	1,3,4,5,6	Employees working early/late	NA <input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High <input type="checkbox"/>	B34 Personal Safety; All JSAs
<input type="checkbox"/>	Note: A single hazard may be listed under several Tasks. In this case, use the highest Severity ranking of the tasks evaluated as the overall ranking.			

Description of Any Additional Activities, And Associated Health and Safety Risks and Protective Procedures/Equipment:

BASF
180 Mill Street, Lot 1102
Cranston, RI

	Date	Name	Company Name	Time In	Time out
•	8/16/18	John Corti	SES	6:30	15:30
•	8/16/18	John Sepik	SES	6:30	15:30
•	8/16/18	Joseph Drebanm	AEI	06:30	16:30
•	8/16/18	Charles Martign	SES	6:30	15:30
•	8/16/18	Stephanie Hill	SES	06:30	15:30
•	8/16/18	Joshua Klement	AEI	06:20	17:25
•	8/16/18	Steve Graham	AEI	06:45	12:30
•	8/16/18	Hayes Rombjas	NEGT	07:05	09:30
•	8/16/18	Aaron Ting	AEI	06:30	10:30 17:25
•	8/16/18	Ryan Dougherty	SES	06:30	16:30
•	8/16/18	Jason Ferreyra	GPRS	07:37	11:55

BASF
180 Mill Street, Lot 1102
Cranston, RI

Date	Name	Company Name	Time In	Time out
8/16/18	Ryan Gaborcy	SES	8:00	2:30
8/16/18	Joseph Kennedy	NE Geotech	7:30	3:00
8/16/18	Paul Sawente	SES	8:34	11:30
8/16/18	SE Madhary	SES	8:00	11:00
8/16/18	Ryan Ryan	All Island	10:00	11:00
8/16/18	John MARZEO	All Island	10	11:00
08/16/18	Tom Dylor	SES	1200	1:00
8/16/18	Rid' Kowalski	AEI	1000	12:40

DAILY PROJECT REPORT

Project: BASF, Lot 1102
180 Mill Street
Cranston, RI

Submitted By: Aaron C. Ting

Signature: 

Date: 8/17/2018

AEI
Consultants

Weather: Cloudy

Daily

Precipitation: 0"

Temp: 88-73

(Hi - low)

PERSONNEL/EQUIPMENT

Contractor	No.		
	1	Superintendent	SES
	1	Foremen	SES
		H&S/QA Officer	
	2	Operators	SES
	3	Laborers	SES
		Other Trades (Delivery)	

SubContractor	No.	Company/Firm
	1	Diprete (Ray G.)
	1	NE Geotech (Joe K.)
	14	Total Personnel On Site

Owner/Representative: N/A

AEI Personnel:	Aaron Ting	1
	Joe Drebaum	1
	Josh Klement	1
	Rick Kowalski	1
	Robert Medaglio	1

Visitors On Site: N/A

MAJOR EQUIPMENT:

1 support truck, Bobcat 289D skid steer, CAT 321C/315C excavators
CAT 996H Loader, 20-yard recycling container

EQUIPMENT/MATERIALS RECEIVED:

United Rentals 5-yard dump truck

WORK COMPLETED:

Laid out rubber matting for loading of 5-yard dump truck on support zone asphalt. SES continued >50 ppm excavations today using CAT 321C. Staked location included 325, 326, 327, 328. Setup orange snow fence around deeper excavations, 3' or greater, for safety. Covered all stockpiles with poly and surrounded by haybales. >50 ppm soils loaded and transported to temporary stockpile area on Lot 2682.

AEI escorted surveyor (Diprete) to check GPS excav. location/depths.

AEI setup and calibrated the perimeter air monitoring equipment. Dust alerts were observed due to stockpiling of soil adjacent to the monitor. SES used water to control dust emissions. No other actionable emissions or other exceedances of the dust action limits were observed or noted at the perimeter monitors. AEI collected Dextsil and soil samples for PCBs from the excavations. See sample tracking spreadsheet. No post excavation samples were identified above the cleanup level of 25 ppm PCBs.

New England Geotech advanced borings for wedge soil cut characterization

HEALTH & SAFETY:

AEI has reviewed SES's Safe Work Form/Pre-Task Plan for today, and verifies, by signing below, that these documents comply with the procedures and content of SES's HASP."

AEI Signature: 

SES/AEI conducted daily H&S tailgate meeting to review work scope and safety precautions/JSAs associated with safe work practices. See SES SWP/PTP for topics discussed and issues raised.

ISSUES/CHANGES/RESOLUTIONS:

AEI/SES convened a weekly project progress meeting. AEI to issue meeting minutes for review and approval.

DISCUSSIONS/CLIENT DIRECTION:

N/A



DAILY WORKSHEET

Date: 8/17/18

Project Number: 18-0315

FRI

CLIENT / SITE INFORMATION

Name: BASF

Address: 180 MILL ST.

CRANSTON, RI

Contact: AARON (AET)

PROJECTS NOTES - BEGAN OVERFLOW PARKING IN 2682 LOT / IN DOCUMENTING SCALE LOADS FROM LOADER

HHS MEETING / REVIEW SOW W/ AET / HOUSE KEEPING FOR SITE TRASH + PPE SEPERATED + DUMPED

LAID OUT RUBBER MEMBRANE FOR DUMP TRUCK LOADING AREA. BEGAN EXCAVATING 2B

SOILS AND CONT. STOCKPILING IN 2B SOIL STOCKPILE IN LOT 1102. PICKED UP DUMP TRUCK @

UNITED RENTAL (12:30 ARRIVAL) BEGAN TRANSPORTING SOILS IN DUMP TRUCK OVER TO LOT 2682

STOCKPILE. COVER ALL STOCKPILE AREAS WITH POLY FOR WEEKEND + SECURE SITE EQUIPMENT.

0830 WEEKLY MEETING W/ PAUL STARRON - REVIEW PROGRESS + 2 WEEK PROJECTION.

LABOR

MATERIALS / EQUIPMENT / TOOLS

Name	Position	Travel	On-site	Off-Site	Travel	Quantity	Item / Description
RYAN DOUGHERTY	SUP		0630				PPE Level: A B C (D) MOD.
CHARLIE MCCARTHY	FT					2	SERVICE VEH.
RYAN GADOURY	FT					1	SITE TRAILER / RESTROOM
STEPHANIE HALL	FT					1	GENERATOR
JOHN SZPILA	OP					2	EXCAVATORS (321C/315C)
JOHN CORTI	OP					1	SKID STEER (289D)
						1	LOADER (966H)
						5EA.	50' FIRE HOSE W/ NOZZLE (METER)

SUBCONTRACTORS

MS MEEHAN - FUEL (EXC/LOAD/DUMP)

	2	ROLLS 6 MILL POLY
	6EA.	POLY BAGS / TRASH / PPE
	1	ROLL RUBBER MEMBRANE
	4 PAIR	STEEL TOE RUBBER BOOTS
	1	6 WHEEL STD DUMP TRUCK (UNITED)

WEATHER OBSERVATIONS

SUNNY (85°)

Project Manager's Signature: _____

Client's Signature: _____

Project:
BASF Facility
Cranston, RI
Date (8/17)

SES, Sutton, MA
(Page 7 of 6)

Servicing or Maintenance Work Description

Description of Work: CMI Implementation Project

Start Date / Time: (Date) (Time) 8/17 0630

Location of Work	180 Mill Street, Cranston, RI
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Strategic Environmental Services, Inc. (SES)

Primary/Lead Company Name: SES

Contact Person: RYAN DOUGHERTY

Contact phone # 508 579-2565

Health and Safety (H&S) Plan (HASP) Signatures

Sign-off sheet attesting that the HASP has been made available and reviewed by the individual prior to entry into the site, and/or daily H&S briefing. All personnel participating in the project must receive initial Health and Safety Orientation. Thereafter, a tailgate safety meeting is required daily, and as otherwise deemed necessary by the Site Health and Safety Officer. By signing below, an individual certifies that he has read, understood, and will observe the contents of this HASP and Daily Safe Work Form with Pre-Task Planning Form.

Health and Safety Meeting

Date	Name of Attendee (Print)	Company	Initials
8-17-18	RAY Guglielmo	Diprek ENG	RE
8-17-18	Joshua Klement	AET	JWK
8-17-18	Joseph Drebaun	AET	JDR
8-17-18	Rubia medillo	ABZ	Rm
8-17-18	JOHN CORN.	SES	JWC.
8/17/18	Ryan Gaudary.	SES	RG
8/17/18	John Szpila.	SES	JS
8/17/18	Charles McCarthy Jr.	SES	CH JR
8/17/18	Aaron Ting	AET	ACT
8/17/18	Rick Kowalski	AET	RK
8/17/18	Joseph Kennedy.	NE Gentech	JK
8/17/18	Paul S. S. S.	SES	PS
8/17/18	Stephen Hull.	SES	SH
8/17/18	FRANCO DIRECTOR	SES	(FR)

Visitor Log

It is SES's policy that visitors must furnish their own personal protective equipment. All visitors are required to sign the visitor log and comply with Health and Safety Plan requirements. If the visitor represents a regulatory agency concerned with site health and safety issues, the Designated Site Supervisor shall also immediately notify HSC.

[illegible]

Project: BASF Facility Cranston, RI Date (8/17)	DAILY SAFE WORK FORM	SES (Page <u>2</u> of <u>6</u>)
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Type of Equipment/Vehicles/Motorized Equipment			
<input checked="" type="checkbox"/>	Field Service Trailer	<input type="checkbox"/>	Roll-off Tractor Truck
<input checked="" type="checkbox"/>	Excavators	<input type="checkbox"/>	Roll-off containers
<input checked="" type="checkbox"/>	Loader	<input checked="" type="checkbox"/>	Dump Truck/Triaxle
<input type="checkbox"/>	Track Dozer	<input type="checkbox"/>	Dump Trailers
<input checked="" type="checkbox"/>	Skid Steer Loader	<input checked="" type="checkbox"/>	Pickup Utility Trucks
<input type="checkbox"/>	Frac Tank	<input type="checkbox"/>	Sump Pump
<input checked="" type="checkbox"/>	Generator	<input type="checkbox"/>	Trench Box
<input type="checkbox"/>	Water Buffalo	<input type="checkbox"/>	NaOH Storage Tank
<input type="checkbox"/>	Sawzail	<input type="checkbox"/>	Other (list)

This work also requires the use of the permits or documents checked below
<input checked="" type="checkbox"/> PROJECT-SPECIFIC HASP
<input type="checkbox"/> LOCK-OUT, TAG-OUT PERMIT
<input checked="" type="checkbox"/> PRE-TASK PLANNING FORM
<input type="checkbox"/> CONFINED SPACE ENTRY PERMIT
<input type="checkbox"/> OTHERS (LIST)

Anticipated Project Risks and Hazards Identification Identify the source/s used and include necessary specific information (See Daily Pre-Task Plan for day-specific information)			
Used	N/A	Source	Specific Risk or Hazard that needs to be addressed
X		Pre-work Inspection of the work site	See SES HASP
X		MSDS review / includes any 'new' chemicals	MSDS Sheets Provided in HASP
	X	Crane Operations	
	X	Elevated Work	
X		Environmental Conditions	See SES HASP
X		Heavy Powered Mobile Equipment Use	Excavators to load soil into trucks, truck traffic
	X	Language / Communication Difficulties	
X		Materials to be used	See Pre-Task Plan
	X	Overhead Work / Rigging	
	X	Special Equipment to be used	
X		Trenching / Excavation	See SES HASP
	X	Utilities System tie-in / restrictions	
X		Other Risks or Hazards	PCB/VOC-contaminated soils; Sodium Persulfate

Anticipated Project Required Precautions & Protective Measures Be sure that each identified Risk or Hazard is addressed (See Daily Pre-Task Plan for day-specific information)			
Need	N/A	Area	Specific measures that are required
X		Access & Egress Plans (People & Equipment)	To be developed on site with SES work crew
	X	Barricades needed	
	X	BASF equipment / materials to be used	
	X	Electrical safety equipment required	
	X	Elevator use	
X		Emergency Equipment	See SES HASP
X		Emergency Plans / Emergency Responder	See SES HASP
	X	Fall protection	
X		First Aid / Medical Treatment provisions	See SES HASP
	X	HOT WORK Procedure requirements	
	X	HVAC System requirements	
	X	LINE-BREAKING procedure requirements	
	X	Scaffolds / decking	
X		Temporary electrical power	See SES HASP
	X	Temporary Utilities services	
X		Trench / Excavation Boxes	See SES HASP

Project: BASF Facility Cranston, RI Date (8/17)	<h2 style="margin: 0;">DAILY SAFE WORK FORM</h2>	SES (Page <u>3</u> of <u>6</u>)
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Other Requirements	
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Required Personal Protective Equipment (PPE) Identify the source/s used and check the appropriate boxes											
		<input type="checkbox"/> PPE GRID		<input checked="" type="checkbox"/> MSDS		<input type="checkbox"/> BASF Knowledge		<input type="checkbox"/> Work Provider Knowledge		<input type="checkbox"/> Prior SWP	
YES	NO	ITEM	YES	NO	Item						
X		Hardhat (either) <input type="checkbox"/> Fiberglass <input checked="" type="checkbox"/> Plastic		X	Rain Suit <input type="checkbox"/> Jacket <input type="checkbox"/> Pants						
X		Safety Glasses, ANZI-rated, side shields		X	Chemical Suit <input type="checkbox"/> Jacket <input type="checkbox"/> Pants						
	X	Goggles <input type="checkbox"/> Chemical <input type="checkbox"/> Dust		X	Personal Fall Protection Equipment						
	X	Faceshield	X		Gloves <input checked="" type="checkbox"/> Chemical <input type="checkbox"/> Work						
X		Hearing Protection <input checked="" type="checkbox"/> Plugs <input type="checkbox"/> Muffs	X		Long sleeve shirt and steel toed boots with steel shank						
	X	Respirator <input type="checkbox"/> Half-mask <input type="checkbox"/> Full-face	X		Boots <input type="checkbox"/> Rubber <input checked="" type="checkbox"/> Other						
	X	Dust Mask		X	Welding Protection						
	X	Fire Retardant Electrical Clothing		X	Retrieval System for Confined Spaces						
X		Eyewash Station	X		Mobile phone or radios						
X		Tyvek Suits	X		Insect repellent, sunscreen						
		Other PPE (list)	X		High-visibility, reflective vest						

Training Requirements		
Need	N/A	Area
X	X	BASF Safety Orientation (if required)
X		MSDS Reviews
X		Review of precautions listed above per SES HASP
X		Review of required PPE
		Other training (specify) –

Project: BASF Facility Cranston, RI Date (8/17)	DAILY SAFE WORK FORM	SES (Page 4 of 6)
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STRATEGIC ENVIRONMENTAL SERVICES PRE-TASK PLAN (PTP)	PROJECT / JOB / TASK (Description): BASF Cranston/CMI Implementation SES SUPERVISOR: RYAN DOUGHERTY	LOCATION: 180 Mill Street, Cranston, RI	DATE 8/17/18
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Note: SES Daily Report Forms are completed daily (see attached), documenting work progress, equipment, personnel, weather, issues encountered and resolution, health and safety actions/issues, changes in work conditions, client interface.

Task List (Check off AND Circle today's activities)	
<input type="checkbox"/>	Task 1 - Permitting
<input checked="" type="checkbox"/>	Task 2 - Mobilization/Site Prep/Road & Decontamination Road Installation/Erosion Controls
<input checked="" type="checkbox"/>	Task 3 - Excavation/Decontamination/Soil Stock Piling/Loading/ISCO/Dewatering/Liquid Management
<input checked="" type="checkbox"/>	Task 4 - Transportation and Disposal of Contaminated Material
<input type="checkbox"/>	Task 5 - Backfilling and Grading/Geotextile and Vegetation Placement
<input type="checkbox"/>	Task 6 - Demobilization

Tasks, Potential Hazards, and Recommended Actions or Procedures				
Today's Activities (Check Each)	Task Number(s)	Hazards	Relative Hazard /Risk Rating*	Hazard Controls Mechanism and/or JSA (See HASP)
<input checked="" type="checkbox"/>	3	Chemical Hazards	NA <input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High <input type="checkbox"/>	B1 Chemical: JSA 10
<input checked="" type="checkbox"/>	3,4,5	Dust/Fumes/Particulates	NA <input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High <input type="checkbox"/>	B2 Dust: JSAs 1,2,4,5,6
<input checked="" type="checkbox"/>	3,4,5,6	Job Zone Control	NA <input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High <input type="checkbox"/>	B3 Job Zone Control; All JSAs
<input checked="" type="checkbox"/>	3,4,5,6	Heat	NA <input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High <input type="checkbox"/>	B4 Heat: All JSAs
<input type="checkbox"/>	3,4,5,6	Cold	NA <input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High <input type="checkbox"/>	B5 Cold; All JSAs
<input type="checkbox"/>	1,3,4,5,6	Severe Weather	NA <input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High <input type="checkbox"/>	B6 Severe Weather: All JSAs
<input checked="" type="checkbox"/>	3,4,5,6	Walking/Working Surfaces	NA <input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High <input type="checkbox"/>	B7 Safe Walking Surfaces and Work Areas: JSA 1,3,4,7
<input checked="" type="checkbox"/>	4,5,6	Noise	NA <input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High <input type="checkbox"/>	B8 Noise: All JSA's
<input type="checkbox"/>	5,6	Live Electrical Equipment	NA <input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High <input type="checkbox"/>	B14 Live Electrical Equip: JSA 5,6,9
<input type="checkbox"/>	4,5	Poor Lighting	NA <input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High <input type="checkbox"/>	B7 Safe Walking Surfaces and Work Areas; JSA 1,3,4,7
<input checked="" type="checkbox"/>	4,5,6	Overhead Hazards	NA <input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High <input type="checkbox"/>	B15 Overhead Hazards: JSA 2,5,6
<input checked="" type="checkbox"/>	3,4,5,6	Traffic Management (Vehicle, pedestrian interference)	NA <input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High <input type="checkbox"/>	B17 Traffic Management: All JSA
<input checked="" type="checkbox"/>	5,6	Heavy machinery/drill rigs	NA <input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High <input type="checkbox"/>	B18 Heavy Machinery: JSA 4,5

Project: BASF Facility Cranston, RI Date (8/17)	<h2 style="margin: 0;">DAILY SAFE WORK FORM</h2>	SES (Page <u>5</u> of <u>6</u>)
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Tasks, Potential Hazards, and Recommended Actions or Procedures				
Today's Activities (Check Each)	Task Number(s)	Hazards	Relative Hazard / Risk Rating*	Hazard Controls Mechanism and/or JSA (See HASP)
<input checked="" type="checkbox"/>	5,6	Trenching/Excavation	NA <input checked="" type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High <input type="checkbox"/>	B19 Trenching/Excavation: JSA 4,5,6,8
<input checked="" type="checkbox"/>	1,3,4,5,6	Vehicle use	NA <input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High <input type="checkbox"/>	B20 Vehicle Use: All JSA
<input type="checkbox"/>	2,3	Work near/on water	NA <input checked="" type="checkbox"/> Low <input type="checkbox"/> Medium <input type="checkbox"/> High <input type="checkbox"/>	B21 Work Near/On Water: JSA 1
<input type="checkbox"/>	4,5	Elevated heights (<4ft)	NA <input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High <input type="checkbox"/>	B22 Working from Heights (<4 feet)
<input type="checkbox"/>	4,5	Elevated heights (>4ft)	NA <input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High <input type="checkbox"/>	B23 Working from Heights (>4 feet)
<input checked="" type="checkbox"/>	5,6	Overhead/underground utilities	NA <input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High <input type="checkbox"/>	B24 Overhead/Underground Utilities: JSA 1,3,4
<input checked="" type="checkbox"/>	4,5,6	Powered hand tools	NA <input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High <input type="checkbox"/>	B25 Electrically Powered Equipment and Tools: JSA 9
<input type="checkbox"/>	4,5,6	Electrically powered equipment	NA <input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High <input type="checkbox"/>	B25 Electrically Powered Equipment and Tools: JSA 9
<input checked="" type="checkbox"/>	4,5,6	Cutting devices/tools	NA <input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High <input type="checkbox"/>	B26 Cutting Devices/Tools; JSA 9
<input checked="" type="checkbox"/>	4,5	Drums, cylinders, containers	NA <input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High <input type="checkbox"/>	B1 Chemical: JSA 4
<input checked="" type="checkbox"/>	3,4,5,6	Material handling, ergonomics	NA <input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High <input type="checkbox"/>	B29 Material Handling/Ergonomics: JSA 2,6,7,9
<input checked="" type="checkbox"/>	3,5,6	Poisonous/irritating plants	NA <input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High <input type="checkbox"/>	B32 Plants and Animals: All JSAs
<input checked="" type="checkbox"/>	4,5,6	Insects/rodents/snakes	NA <input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High <input type="checkbox"/>	B32 Plants and Animals; All JSAs
<input checked="" type="checkbox"/>	3,5,6	Ticks, mosquitos	NA <input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High <input type="checkbox"/>	B32 Poisonous Plants, Animals, and Insects; All JSA
<input type="checkbox"/>	1,3,4,5,6	Employees working early/late	NA <input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High <input type="checkbox"/>	B34 Personal Safety; All JSAs
<input type="checkbox"/>	Note: A single hazard may be listed under several Tasks. In this case, use the highest Severity ranking of the tasks evaluated as the overall ranking.			

Description of Any Additional Activities, And Associated Health and Safety Risks and Protective Procedures/Equipment:

Excavated Materials Management Sheet

Excavation Date:	Source Location (station, offset, etc.) Cross- Ref w/ Map:	Excavation Volume	Soil Stockpile Designation	Reuse on/off- site or Off-site	Disposal Facility	Re-Use Date
8/15/18	STAKE# - 321-324 20x20x1 (2A)	15 YDS 20 TON	LOT 1102 STOCKPILE			
8/15/18	STAKE#S 301-304 3x10x1 (2A)	1 YDS	LOT 1102 STOCKPILE			
8/15/18	STAKE#S 486-489 10x10x3 *CONCRETE @ 6" (2A)	2 YDS	LOT 1102 STOCKPILE			
8/15/18	STAKE#S 305-308 10x10x3 *BROKEN CONCRETE (2A)	11 YDS TON 39.15 *21 TON	LOT 1102 STOCK PILE CONSOLIDATED			
8/16/18	STAKES 344-347 10x10x3 (2A)	11 YDS. SCALE - 12.8 TON	LOT 1102 STOCKPILE (SEPERATED)			
8/16/18	STAKES 364-367 10x10x3 (2A)	11 YDS. SCALE - 13.5 TON	LOT 1102 STOCKPILE (SEPERATED)			
8/16/18	STAKES 317-320 20x18x1 (2B)	13.5 YDS. SCALE 29.8 TON	LOT 1102 STAGED SEPERATED + DESIGNATED FOR LOT 2682			
8/17/18	STAKE# 325-328 18x20x3 REBAR + CONCRETE (2B)	40 YD 57.75 TONS	LOT 1102 SEPERATED CONCRETE REBAR STAGED. DESIGNATED FOR LOT 2682			
8/17/18	STAKES# 329-332 10x10x3 CONCRETE 1.5" (2B)	11 YDS. 16 TON	LOT 2682			

BASF
180 Mill Street, Lot 1102
Cranston, RI

Date	Name	Company Name	Time In	Time out
8/17/18	JOHN - CORTI	SES	6:30	15:30
8/17/18	John Sep:18	SES	6:30	15:30
8/17/18	Charles McCarthy	SES	6:30	15:30 16:00
8/17/18	Stephanie Hall	SES	06:30	15:30
8/17/18	Ryan Gackbury	SES	6:30	16:00
8-17-18	Joshua Klement	AEI	06:28	16:35
8-17-18	Ray Guglielmo	DIPLETE ENG	6:30	8:15
8-17-18	Robert Medaglia	AER	6:30	15:30
8/17/18	Joseph Drehanm	AEI	6:30	15:30
8/17/18	RYAN DOUGHERTY	SES	06:30	16:15
8/17/18	Aaron Ting	AEI	06:15	16:45
8/17/18	Rick Kowalski	AEI	07:10	4:00
8/17/18	Joseph Kennedy	WE Geotech	7:30	4:00
8/17/18	Paul Sawcuk	SES	08:00	11:00